

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016449.D
 Acq On : 22 Nov 2023 08:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:01:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	155609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70933	49.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.728	113	77241	56.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.185	98	293123	52.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.489	95	100253	55.644	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75538	49.576	ug/l	98
3) Chloromethane	2.119	50	78750	44.131	ug/l	98
4) Vinyl Chloride	2.253	62	87476	45.588	ug/l	97
5) Bromomethane	2.656	94	59450	47.144	ug/l	99
6) Chloroethane	2.802	64	57678	47.107	ug/l	97
7) Trichlorofluoromethane	3.131	101	151285	54.191	ug/l	98
8) Diethyl Ether	3.534	74	44420	53.239	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.912	101	86540	51.468	ug/l	97
10) Methyl Iodide	4.101	142	102961	56.697	ug/l	97
11) Tert butyl alcohol	4.966	59	27395	245.982	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	82642	52.555	ug/l	84
13) Acrolein	3.735	56	27501	204.725	ug/l	98
14) Allyl chloride	4.491	41	101962	45.693	ug/l #	88
15) Acrylonitrile	5.174	53	82913	250.405	ug/l	97
16) Acetone	3.954	43	72210	306.949	ug/l #	83
17) Carbon Disulfide	4.204	76	242800	51.175	ug/l	98
18) Methyl Acetate	4.485	43	60344	48.273	ug/l #	85
19) Methyl tert-butyl Ether	5.229	73	197140	51.798	ug/l	97
20) Methylene Chloride	4.723	84	91716	55.576	ug/l #	84
21) trans-1,2-Dichloroethene	5.229	96	93698	51.752	ug/l	90
22) Diisopropyl ether	6.131	45	218460	45.427	ug/l #	85
23) Vinyl Acetate	6.070	43	537558	230.691	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	144900	48.840	ug/l	96
25) 2-Butanone	6.997	43	103054	250.099	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	140521	52.041	ug/l	96
27) cis-1,2-Dichloroethene	6.997	96	101886	52.217	ug/l	87
28) Bromochloromethane	7.344	49	57530	52.394	ug/l #	74
29) Tetrahydrofuran	7.356	42	63559	233.369	ug/l #	80
30) Chloroform	7.515	83	158596	51.357	ug/l	97
31) Cyclohexane	7.795	56	127025	45.365	ug/l #	86
32) 1,1,1-Trichloroethane	7.710	97	151077	53.370	ug/l	95
36) 1,1-Dichloropropene	7.929	75	122910	51.745	ug/l	97
37) Ethyl Acetate	7.082	43	45112	47.004	ug/l #	92
38) Carbon Tetrachloride	7.911	117	141010	57.199	ug/l	98
39) Methylcyclohexane	9.191	83	157346	53.161	ug/l	89
40) Benzene	8.173	78	353299	52.940	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24741	51.126	ug/l #	89
42) 1,2-Dichloroethane	8.246	62	92131	53.281	ug/l	92
43) Isopropyl Acetate	8.283	43	88227	47.557	ug/l #	86
44) Trichloroethene	8.947	130	106633	55.597	ug/l	94
45) 1,2-Dichloropropane	9.222	63	80931	50.496	ug/l	95
46) Dibromomethane	9.313	93	47123	54.257	ug/l	98
47) Bromodichloromethane	9.502	83	120183	53.825	ug/l	96
48) Methyl methacrylate	9.301	41	50262	49.022	ug/l #	79
49) 1,4-Dioxane	9.307	88	10707	1161.209	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	226591	241.537	ug/l #	86
52) Toluene	10.252	92	227203	53.858	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	117390	54.232	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	139051	53.784	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	65739	54.916	ug/l	97
56) Ethyl methacrylate	10.520	69	63056	55.801	ug/l #	77
57) 1,3-Dichloropropane	10.801	76	110227	54.019	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	222245	290.053	ug/l #	89
59) 2-Hexanone	10.837	43	167765	240.421	ug/l	82
60) Dibromochloromethane	10.990	129	87411	58.386	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64752	56.777	ug/l	100
64) Tetrachloroethene	10.728	164	106337	55.979	ug/l	96
65) Chlorobenzene	11.526	112	247752	54.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92918	55.735	ug/l	98
67) Ethyl Benzene	11.599	91	433539	53.370	ug/l	97
68) m/p-Xylenes	11.709	106	338274	109.792	ug/l	93
69) o-Xylene	12.038	106	158076	55.259	ug/l	95
70) Styrene	12.051	104	232408	56.738	ug/l	97
71) Bromoform	12.215	173	50942	58.889	ug/l #	99
73) Isopropylbenzene	12.337	105	432682	52.322	ug/l	99
74) N-amyl acetate	12.148	43	75771	45.615	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	68081	51.305	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91043	92.935	ug/l #	100
77) Bromobenzene	12.617	156	100659	53.856	ug/l	90
78) n-propylbenzene	12.678	91	497628	50.919	ug/l	97
79) 2-Chlorotoluene	12.764	91	276139	51.271	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	352146	52.816	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23139	51.269	ug/l	89
82) 4-Chlorotoluene	12.861	91	288186	51.783	ug/l	98
83) tert-Butylbenzene	13.081	119	308899	52.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	347939	52.999	ug/l	97
85) sec-Butylbenzene	13.258	105	435693	51.930	ug/l	98
86) p-Isopropyltoluene	13.373	119	387999	53.707	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	192217	53.456	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	188844	53.738	ug/l	100
89) n-Butylbenzene	13.703	91	348036	52.166	ug/l	95
90) Hexachloroethane	13.965	117	74082	53.159	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	168087	54.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10644	50.416	ug/l	81
93) 1,2,4-Trichlorobenzene	15.013	180	106980	59.482	ug/l	98
94) Hexachlorobutadiene	15.117	225	61198	59.393	ug/l	99
95) Naphthalene	15.239	128	196971	61.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	91098	61.238	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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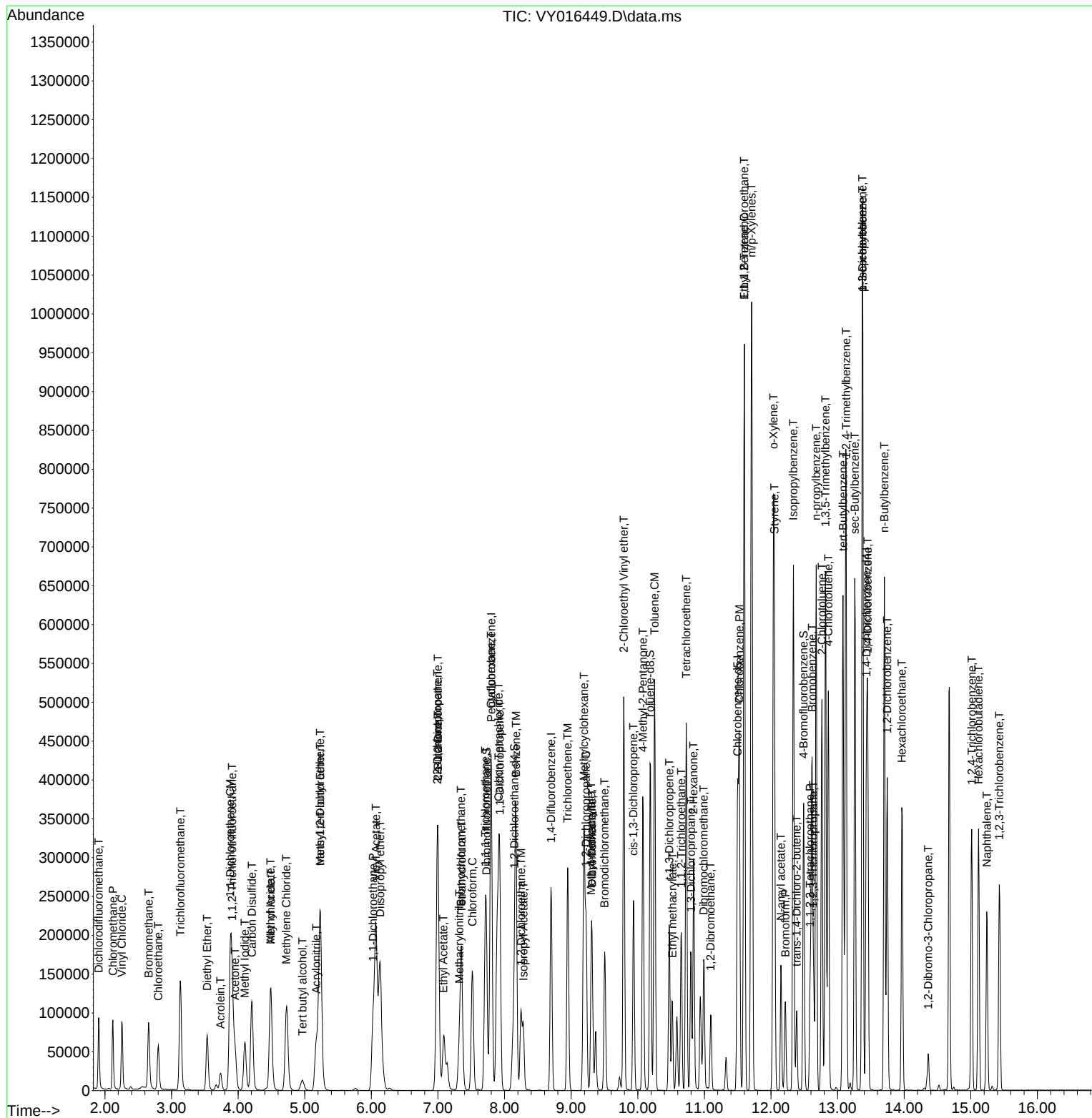
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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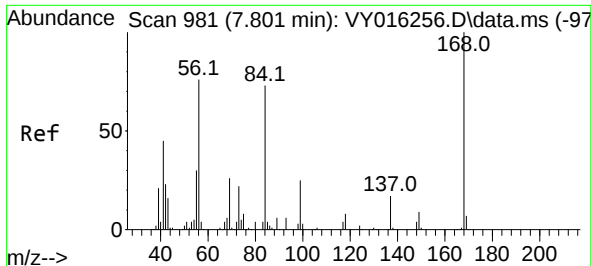
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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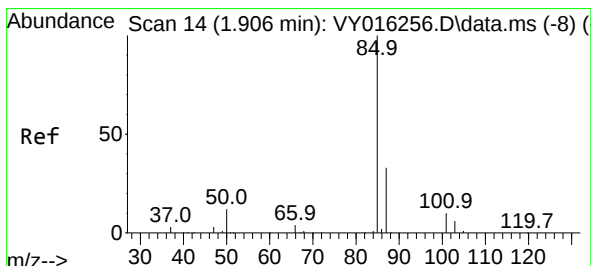
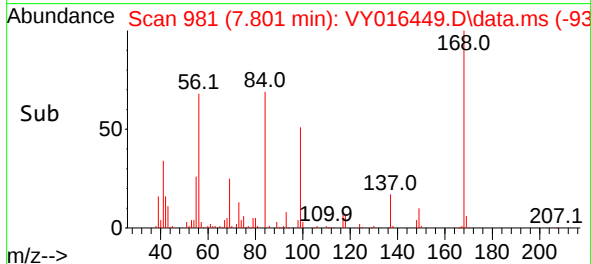
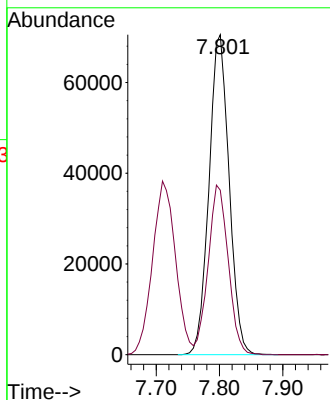
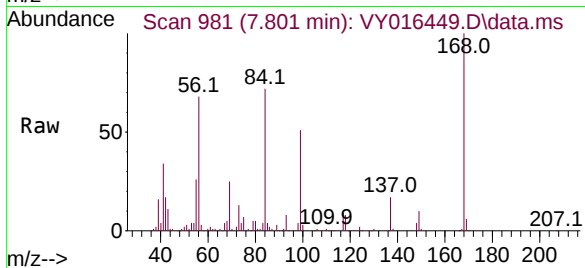




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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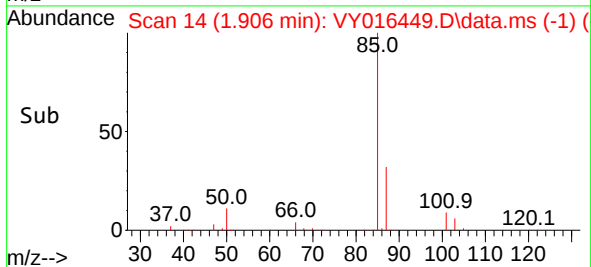
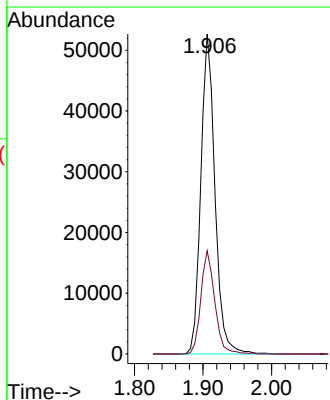
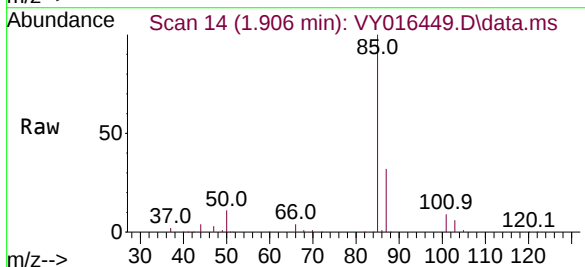
Instrument :
MSVOA_Y
ClientSampleId :

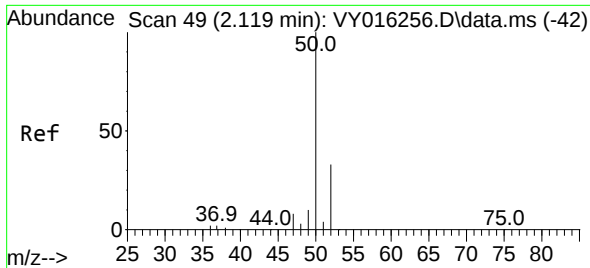
Tgt Ion:168 Resp: 155609
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.576 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 85 Resp: 75538
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

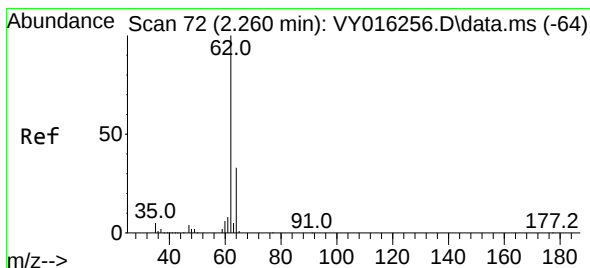
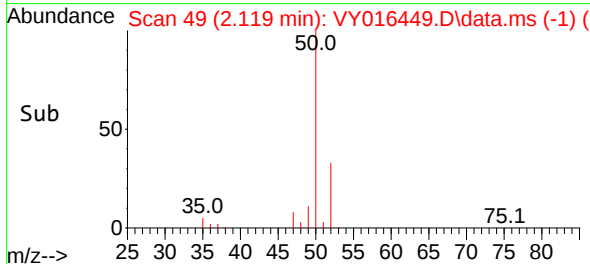
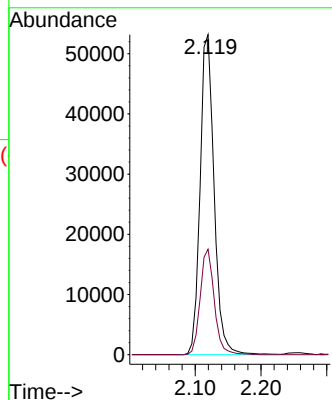
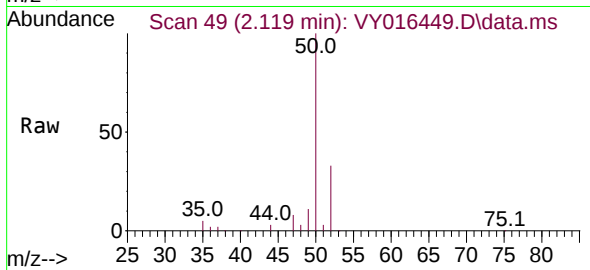




#3
Chloromethane
Concen: 44.131 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016449.D
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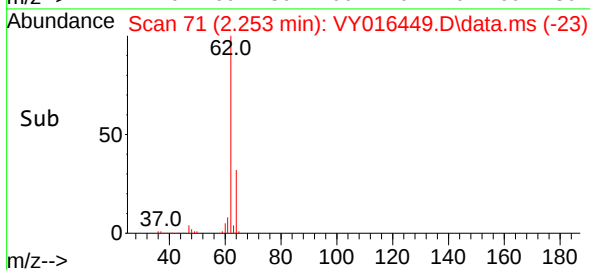
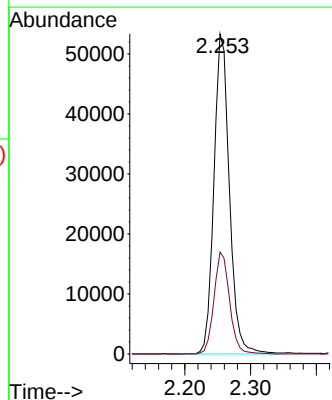
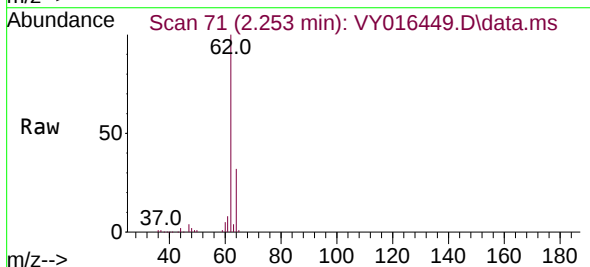
Instrument :
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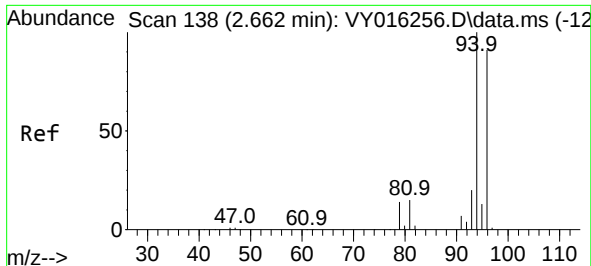
Tgt Ion: 50 Resp: 78750
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 45.588 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 62 Resp: 87476
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

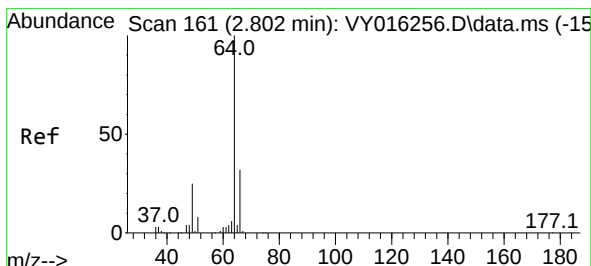
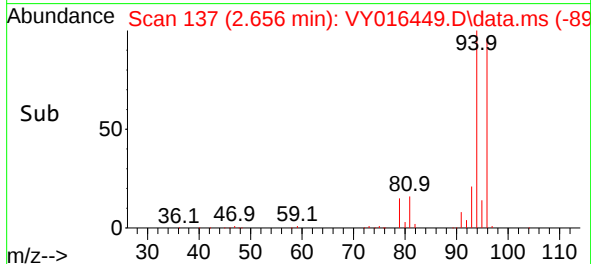
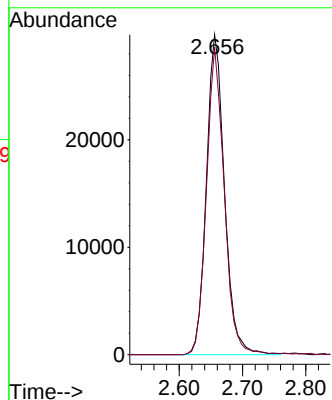
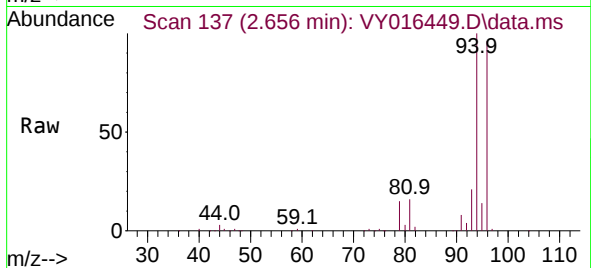




#5
Bromomethane
Concen: 47.144 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY016449.D
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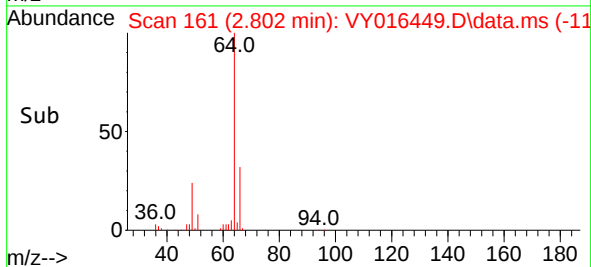
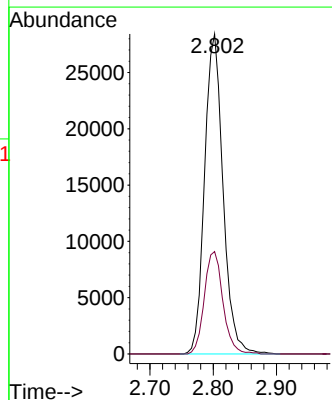
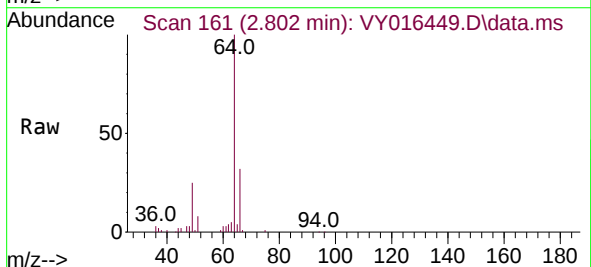
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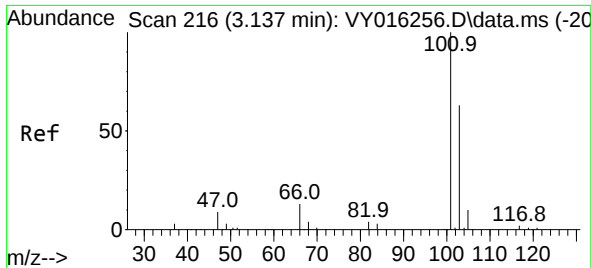
Tgt Ion: 94 Resp: 59450
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.6



#6
Chloroethane
Concen: 47.107 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 57678
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

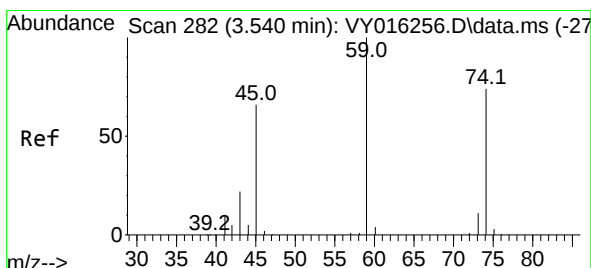
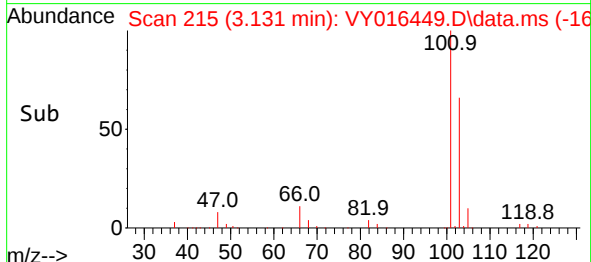
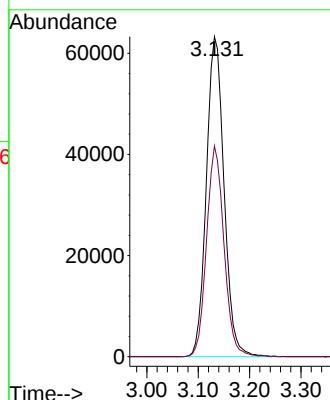
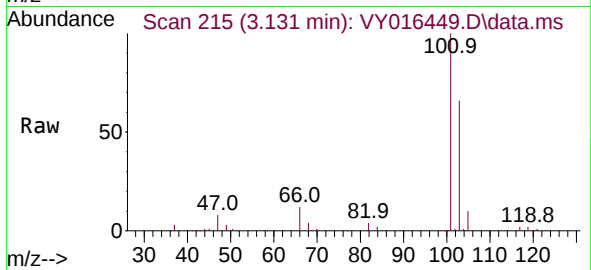




#7
 Trichlorofluoromethane
 Concen: 54.191 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY016449.D
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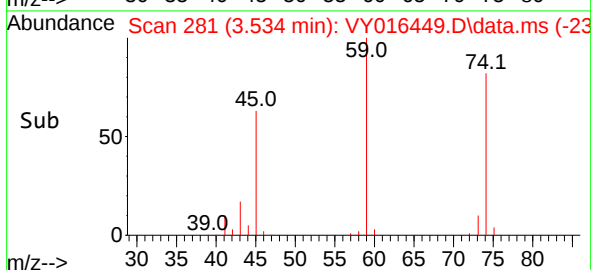
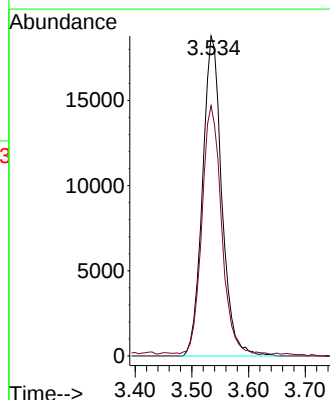
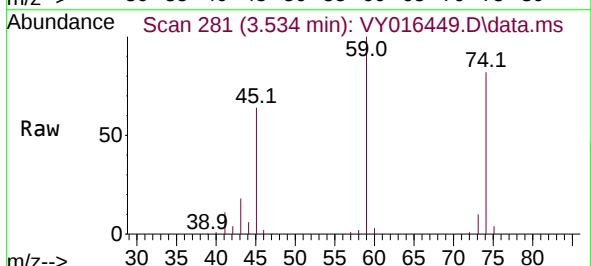
Instrument :
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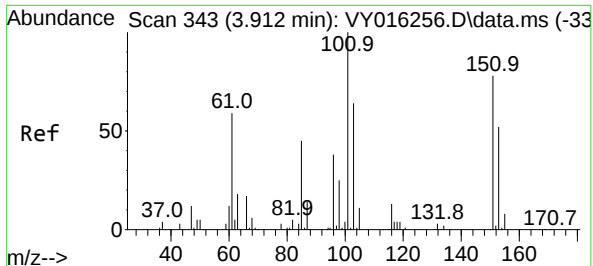
Tgt Ion:101 Resp: 151285
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.239 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 44420
 Ion Ratio Lower Upper
 74 100
 45 79.0 51.5 154.5

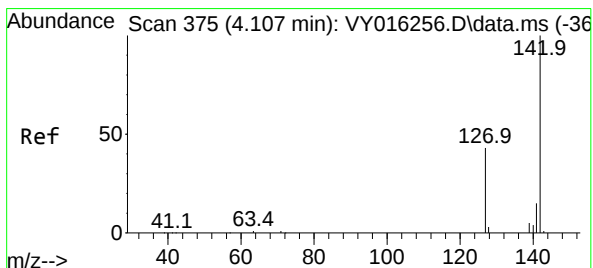
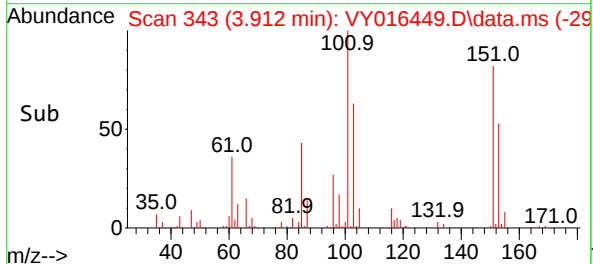
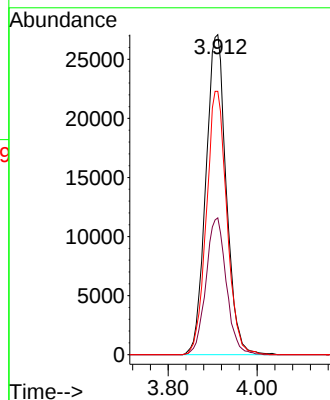
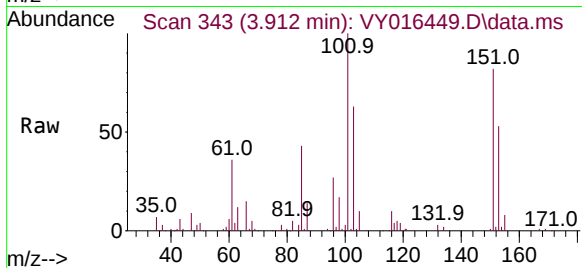




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.468 ug/l
RT: 3.912 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

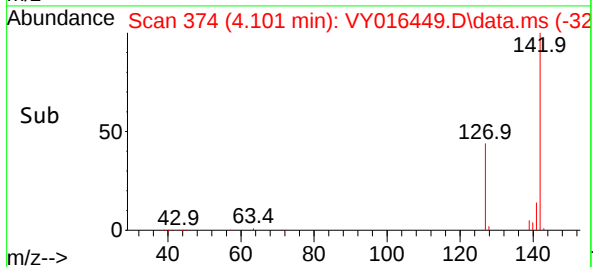
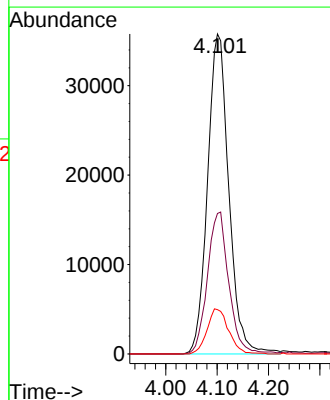
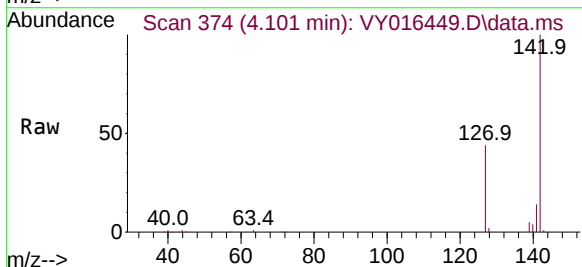
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 86540
Ion Ratio Lower Upper
101 100
85 42.6 36.6 55.0
151 82.3 67.0 100.6



#10
Methyl Iodide
Concen: 56.697 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion:142 Resp: 102961
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.3 11.8 17.8

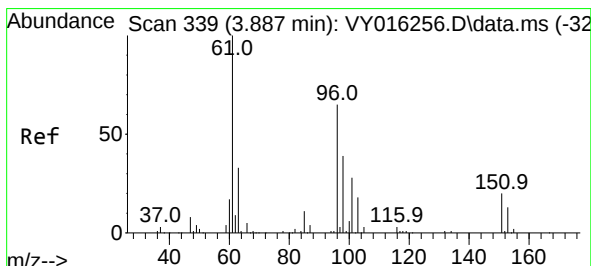
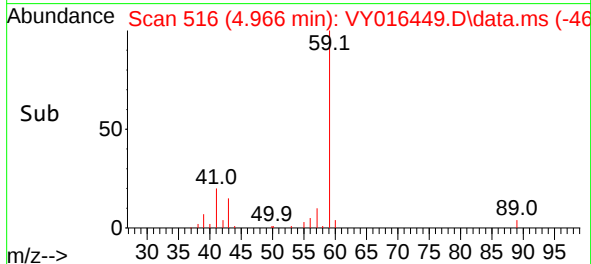
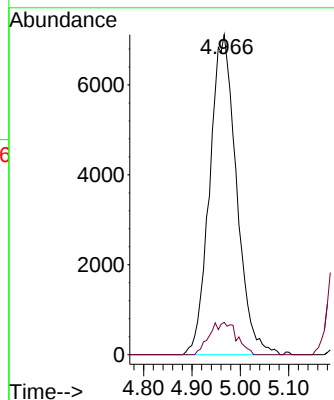
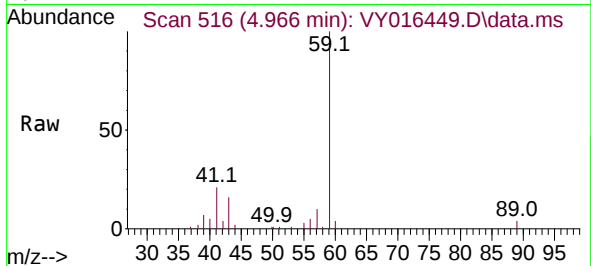




#11
Tert butyl alcohol
Concen: 245.982 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

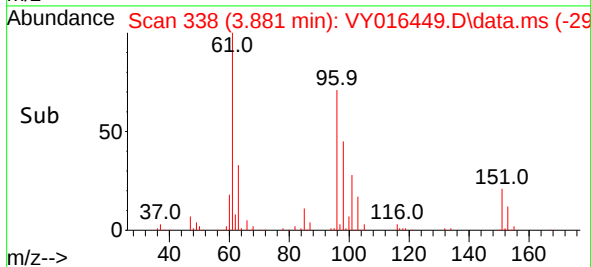
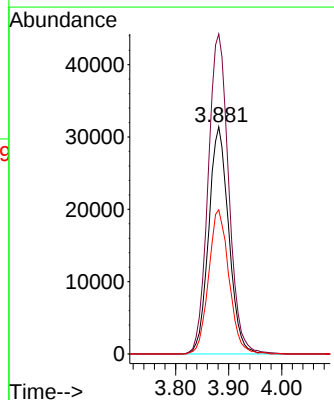
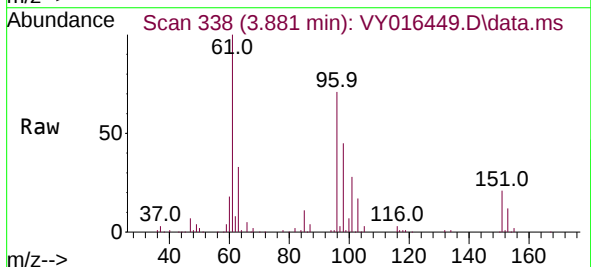
Instrument :
MSVOA_Y
ClientSampleId :

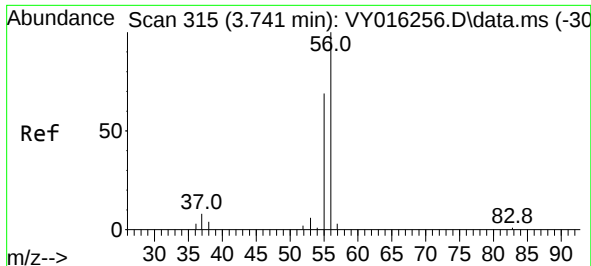
Tgt Ion: 59 Resp: 27395
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.555 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 96 Resp: 82642
Ion Ratio Lower Upper
96 100
61 140.8 136.4 204.6
98 63.4 49.4 74.2





#13

Acrolein

Concen: 204.725 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

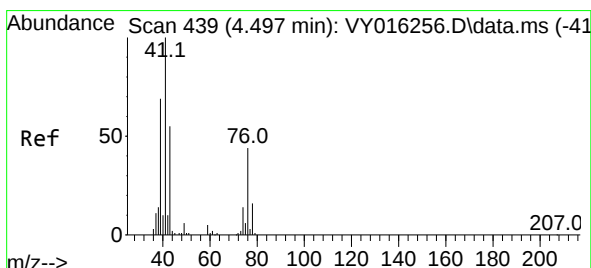
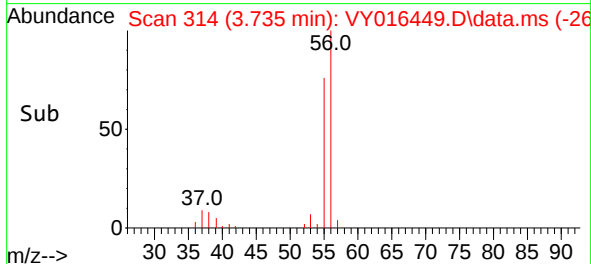
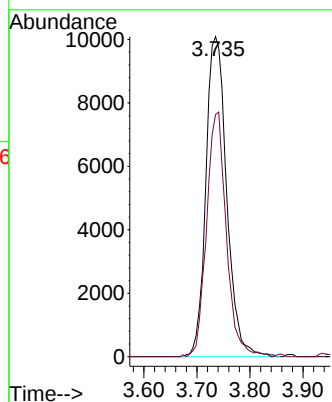
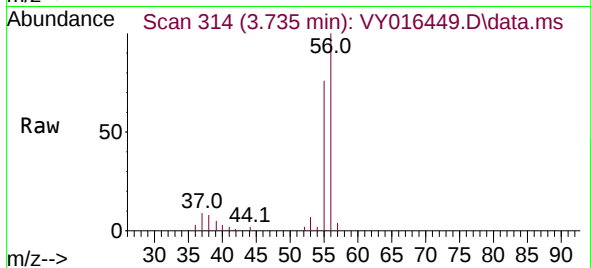
ClientSampleId :

Tgt Ion: 56 Resp: 27501

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 45.693 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

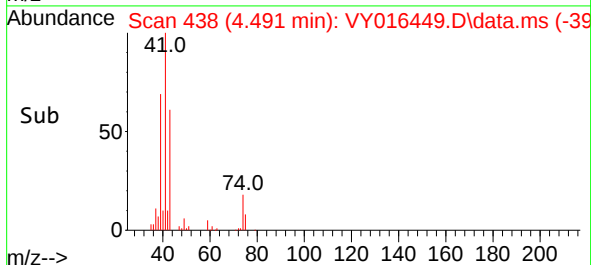
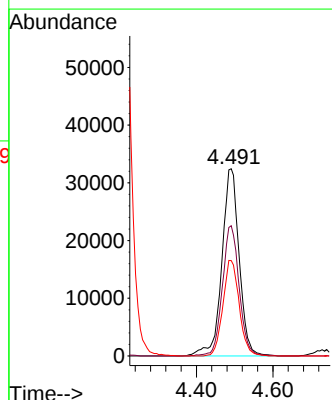
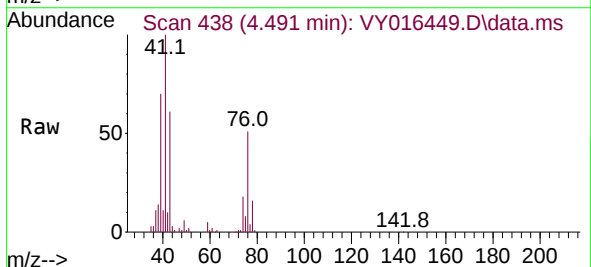
Tgt Ion: 41 Resp: 101962

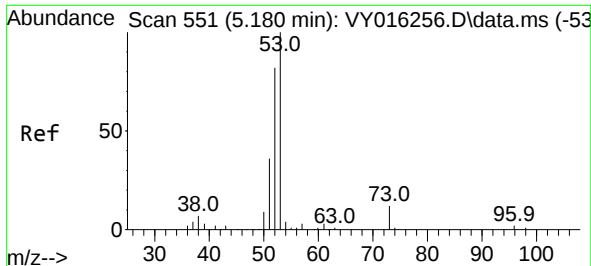
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 47.9 27.4 41.2#

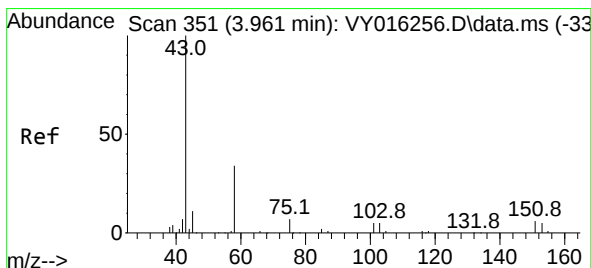
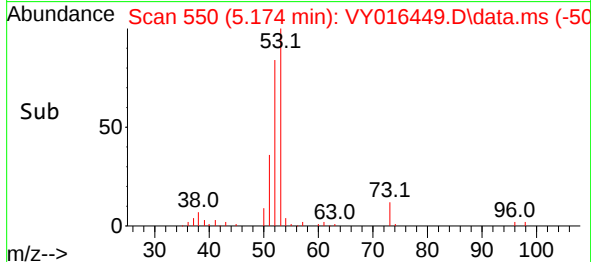
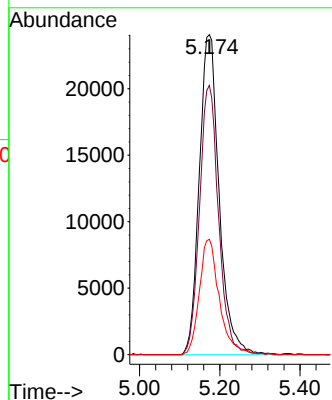
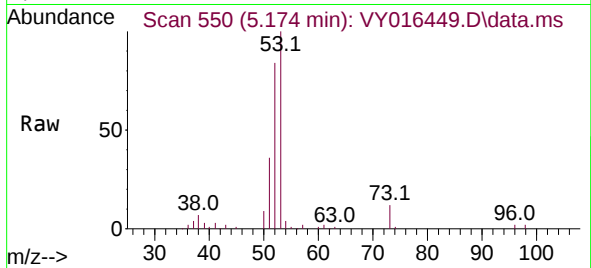




#15
Acrylonitrile
Concen: 250.405 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

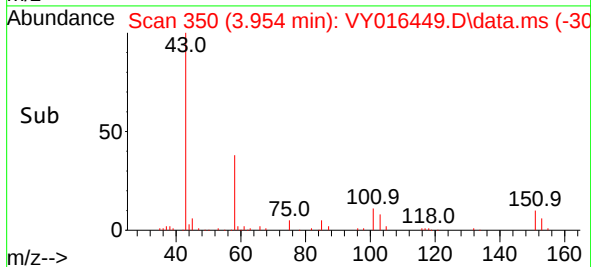
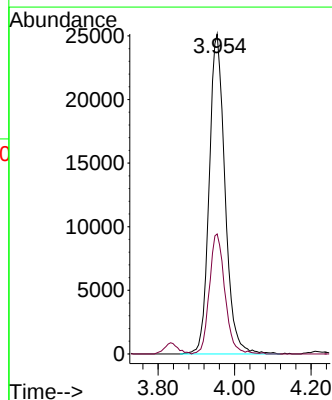
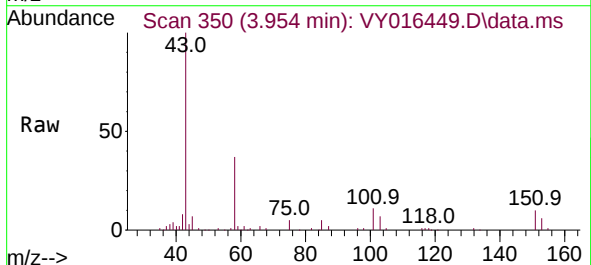
Instrument :
MSVOA_Y
ClientSampleId :

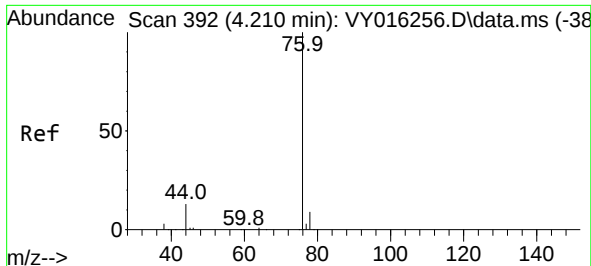
Tgt Ion: 53 Resp: 82913
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 306.949 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 43 Resp: 72210
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#





#17

Carbon Disulfide

Concen: 51.175 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

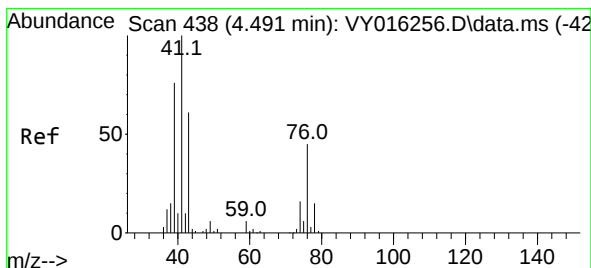
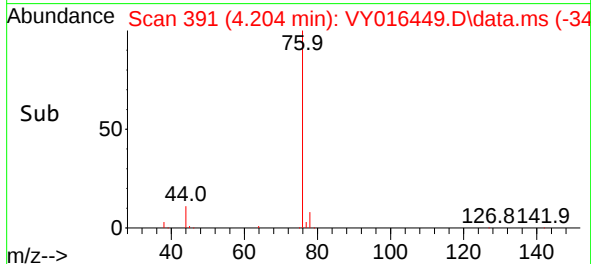
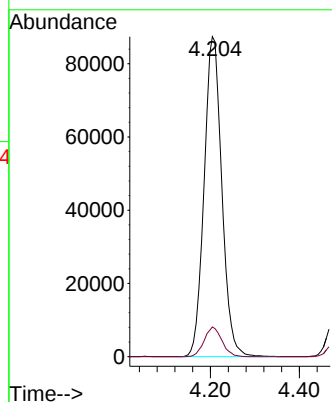
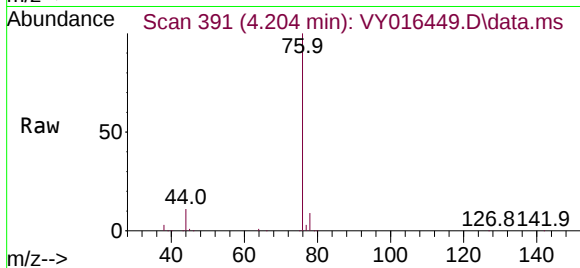
ClientSampleId :

Tgt Ion: 76 Resp: 242800

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 48.273 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016449.D

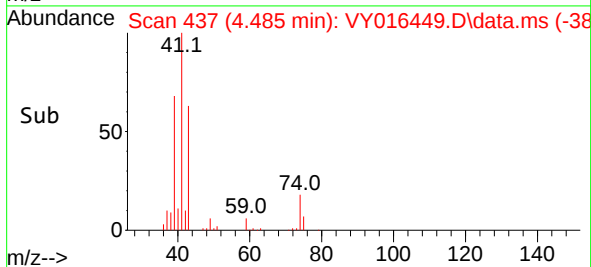
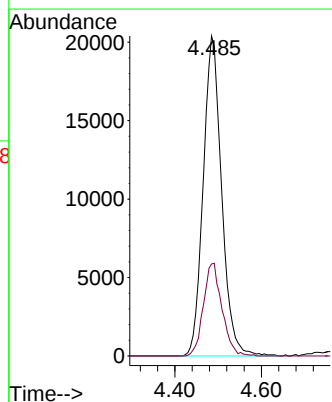
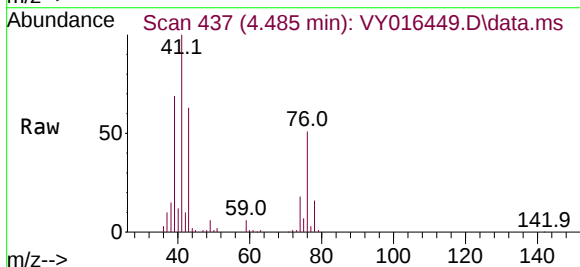
Acq: 22 Nov 2023 08:46

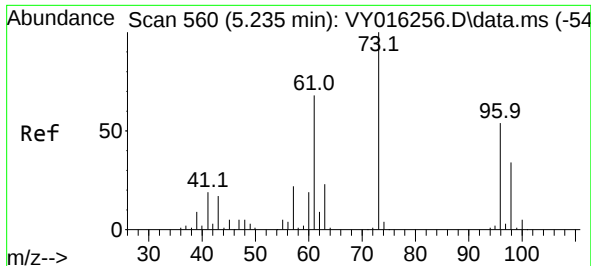
Tgt Ion: 43 Resp: 60344

Ion Ratio Lower Upper

43 100

74 29.0 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 51.798 ug/l

RT: 5.229 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

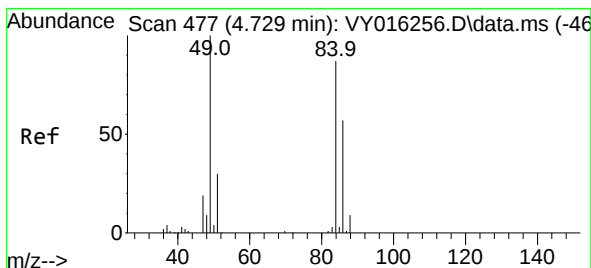
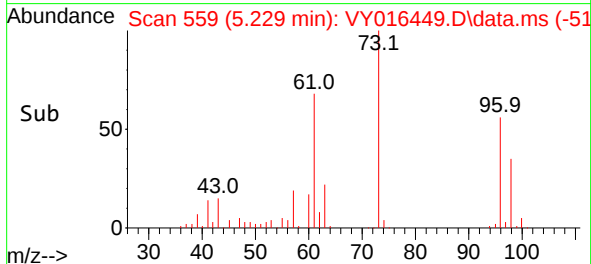
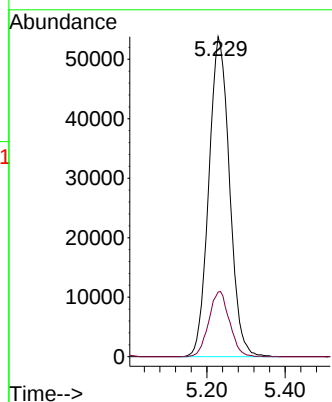
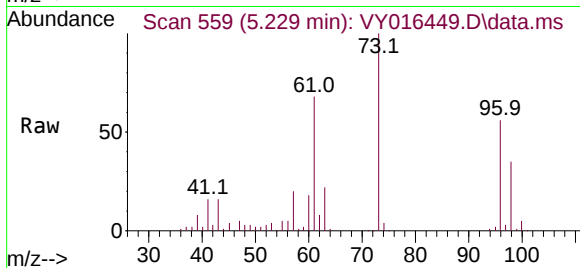
ClientSampleId :

Tgt Ion: 73 Resp: 197140

Ion Ratio Lower Upper

73 100

57 20.2 17.3 25.9



#20

Methylene Chloride

Concen: 55.576 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Tgt Ion: 84 Resp: 91716

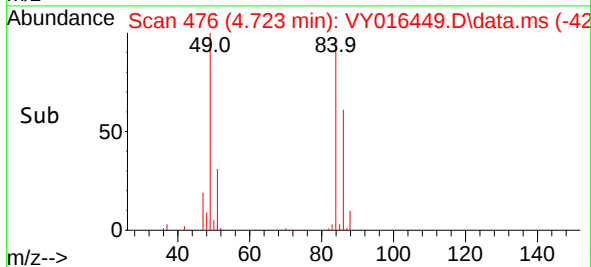
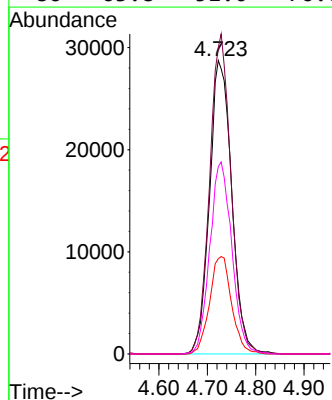
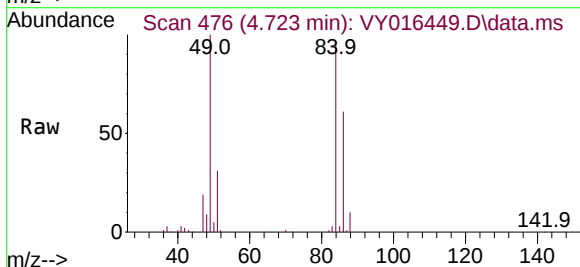
Ion Ratio Lower Upper

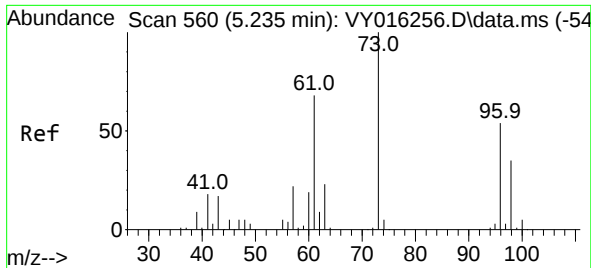
84 100

49 104.3 106.9 160.3#

51 32.4 33.2 49.8#

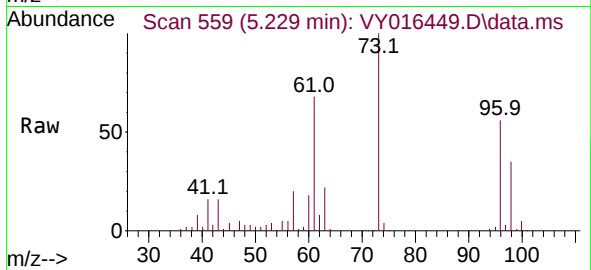
86 63.8 51.0 76.6



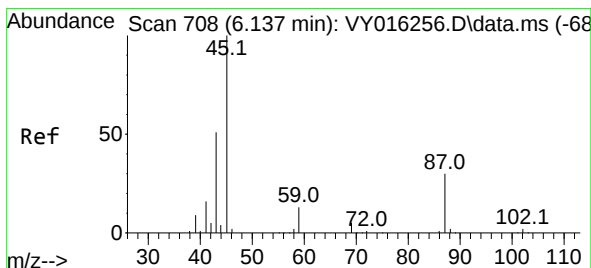
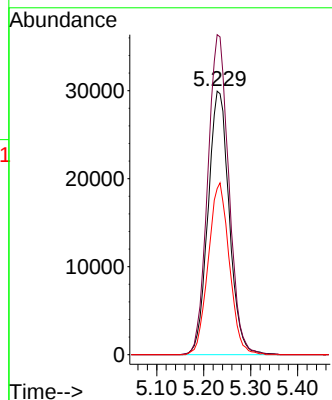
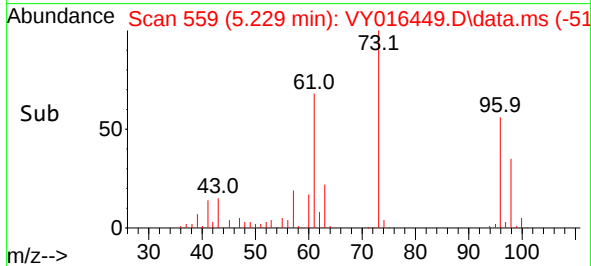


#21
trans-1,2-Dichloroethene
Concen: 51.752 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Instrument :
MSVOA_Y
ClientSampleId :

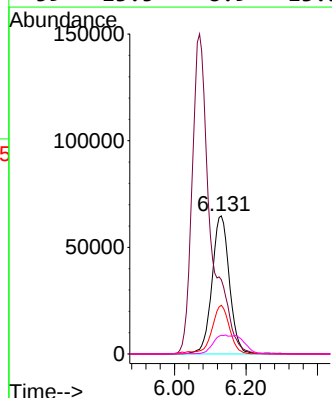
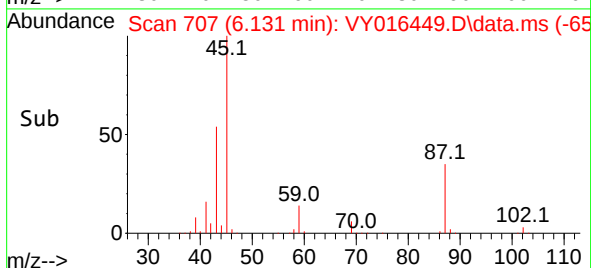
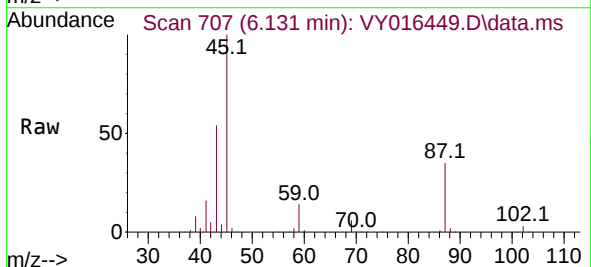


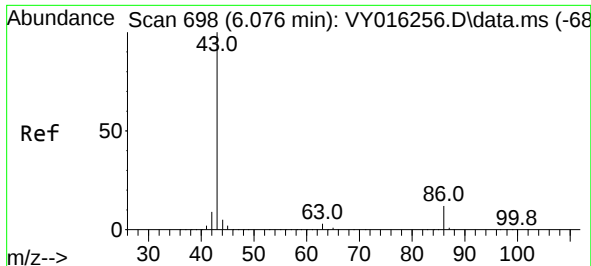
Tgt Ion: 96 Resp: 93698
Ion Ratio Lower Upper
96 100
61 121.4 110.2 165.4
98 63.0 51.8 77.6



#22
Diisopropyl ether
Concen: 45.427 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 45 Resp: 218460
Ion Ratio Lower Upper
45 100
43 53.1 52.2 78.4
87 35.2 21.0 31.6#
59 13.5 8.9 13.3#

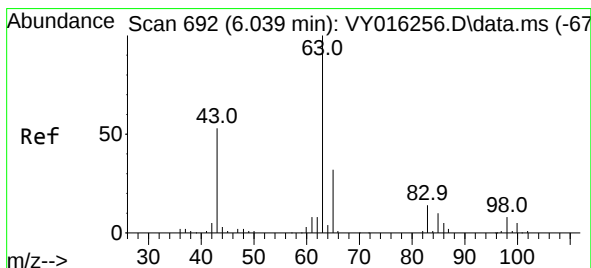
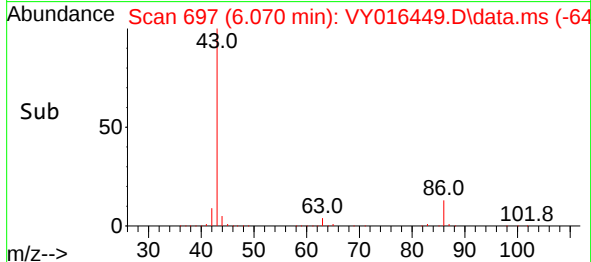
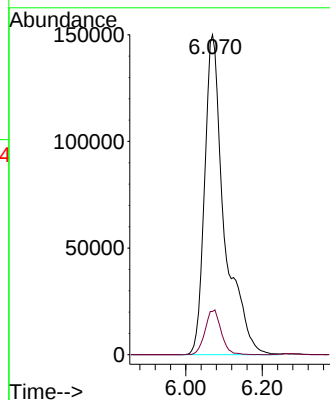
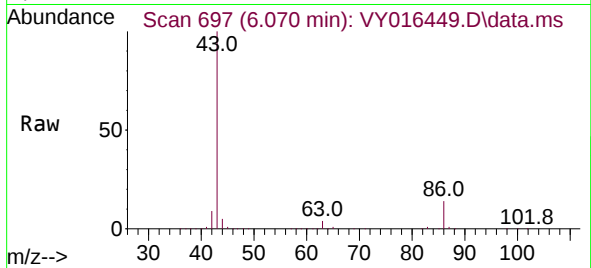




#23
 Vinyl Acetate
 Concen: 230.691 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016449.D
 Acq: 22 Nov 2023 08:46

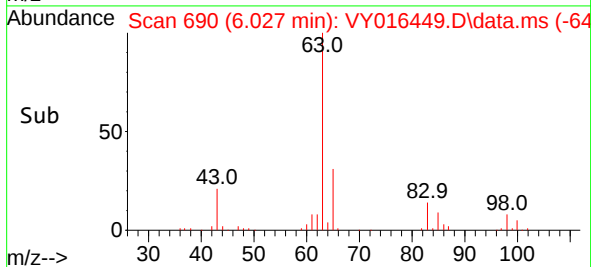
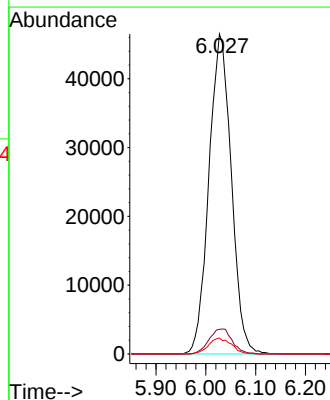
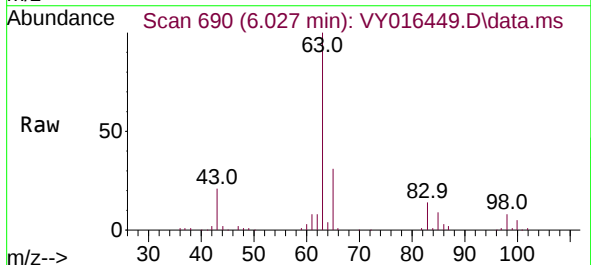
Instrument :
 MSVOA_Y
 ClientSampleId :

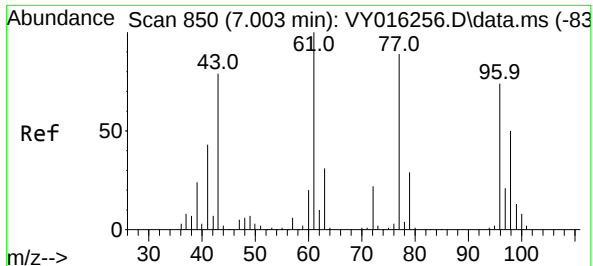
Tgt Ion: 43 Resp: 537558
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.840 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016449.D
 Acq: 22 Nov 2023 08:46

Tgt Ion: 63 Resp: 144900
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 250.099 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

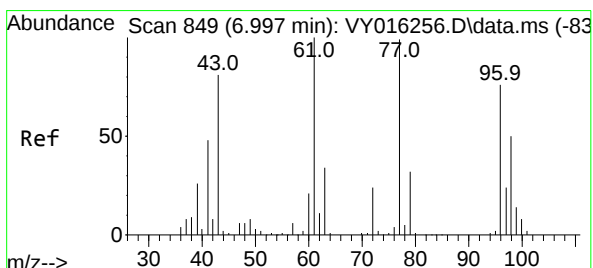
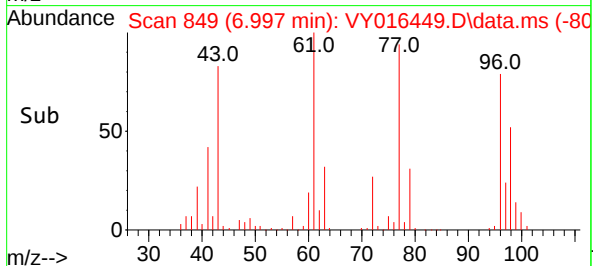
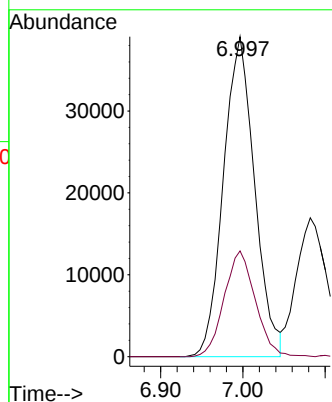
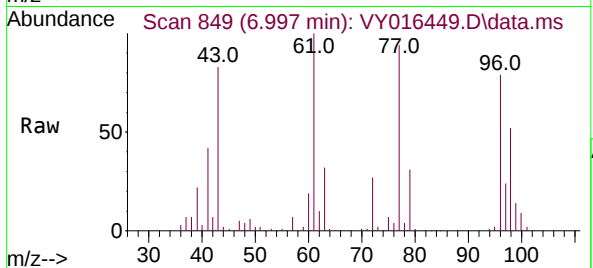
ClientSampleId :

Tgt Ion: 43 Resp: 103054

Ion Ratio Lower Upper

43 100

72 33.1 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 52.041 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016449.D

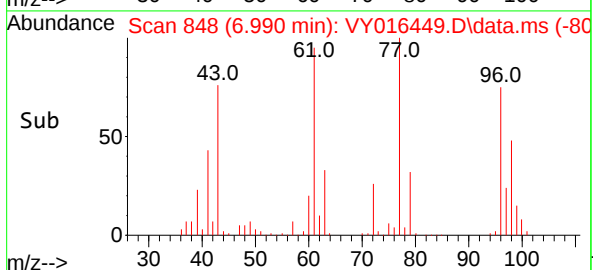
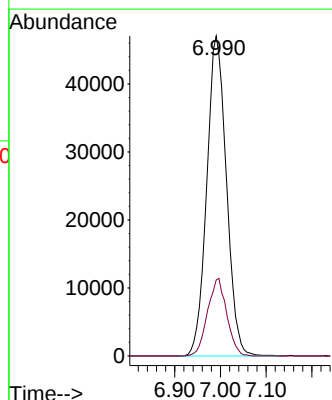
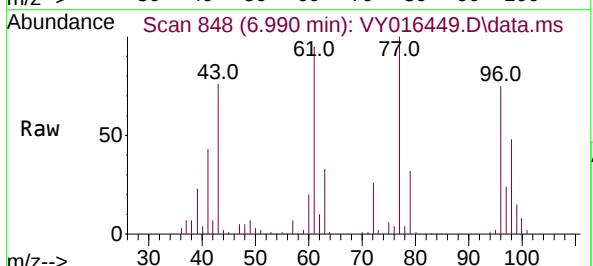
Acq: 22 Nov 2023 08:46

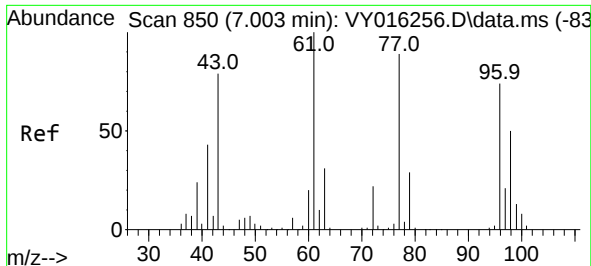
Tgt Ion: 77 Resp: 140521

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.217 ug/l

RT: 6.997 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

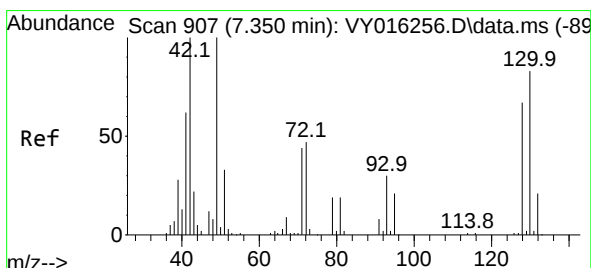
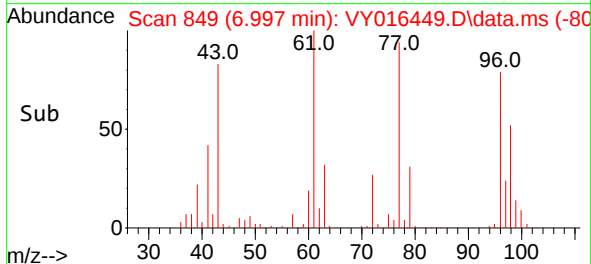
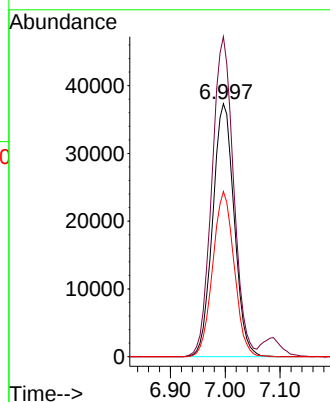
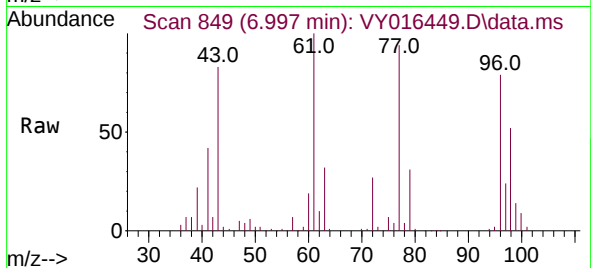
Tgt Ion: 96 Resp: 101886

Ion Ratio Lower Upper

96 100

61 127.6 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 52.394 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

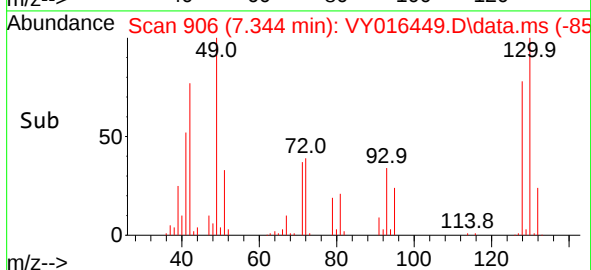
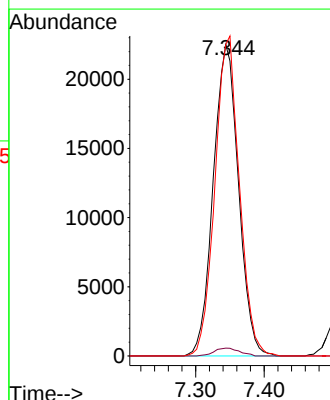
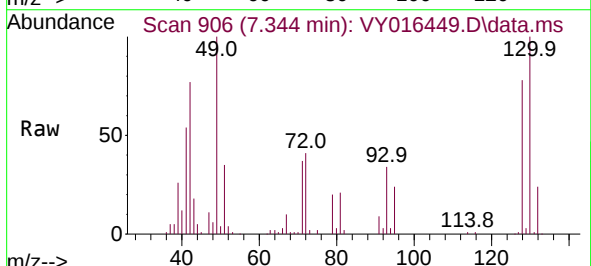
Tgt Ion: 49 Resp: 57530

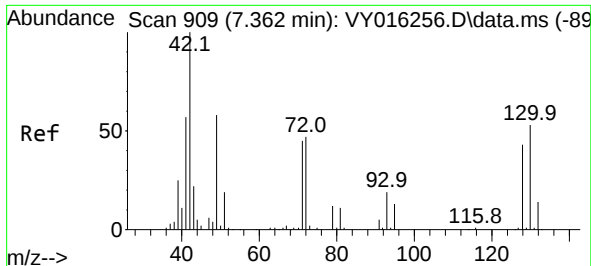
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 99.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 233.369 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

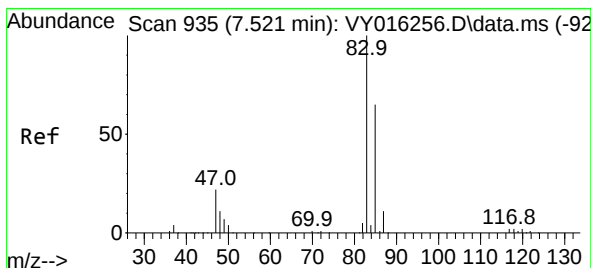
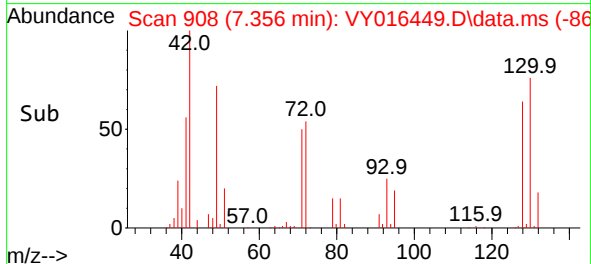
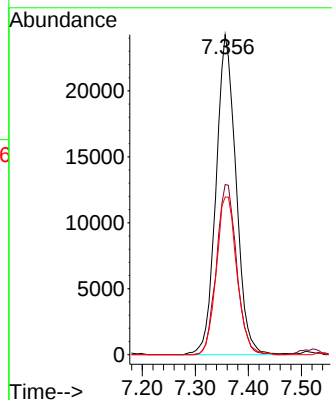
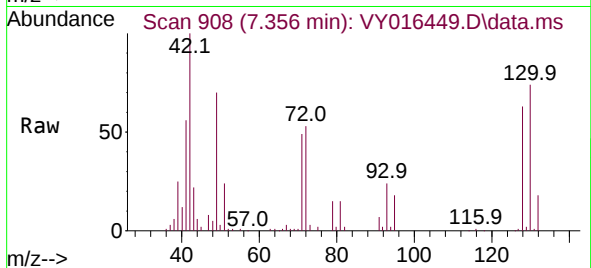
Tgt Ion: 42 Resp: 63559

Ion Ratio Lower Upper

42 100

72 53.4 32.8 49.2#

71 50.8 31.0 46.4#



#30

Chloroform

Concen: 51.357 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016449.D

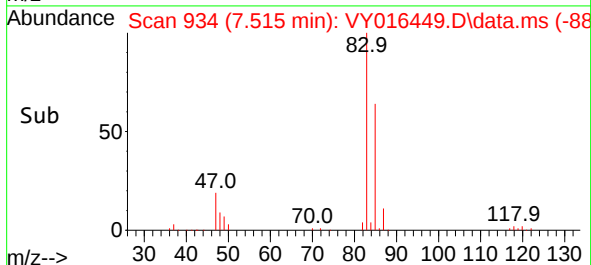
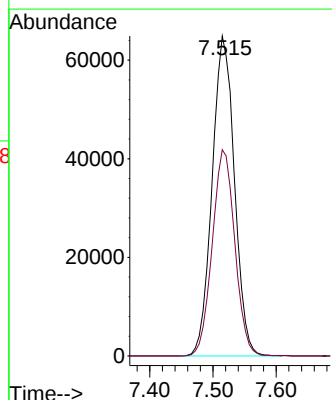
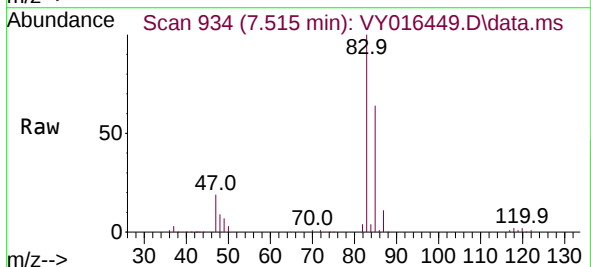
Acq: 22 Nov 2023 08:46

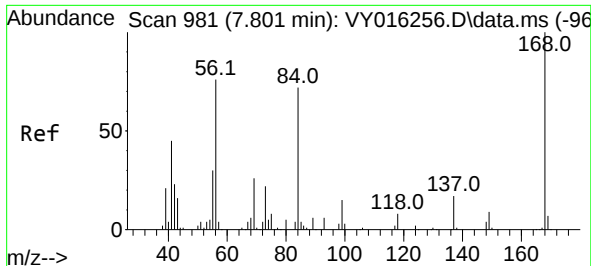
Tgt Ion: 83 Resp: 158596

Ion Ratio Lower Upper

83 100

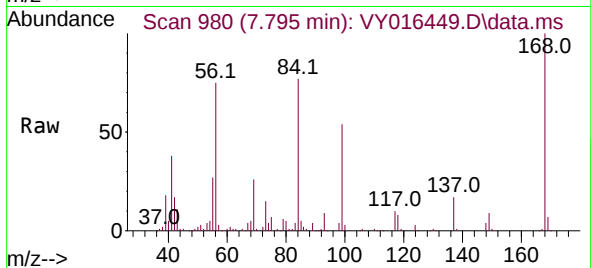
85 64.4 49.7 74.5



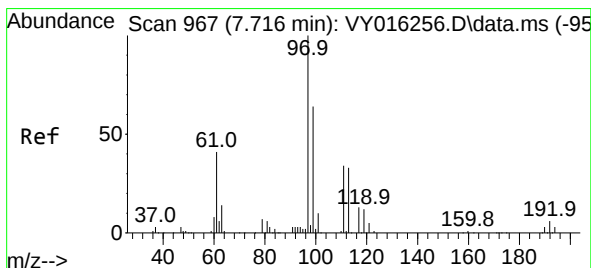
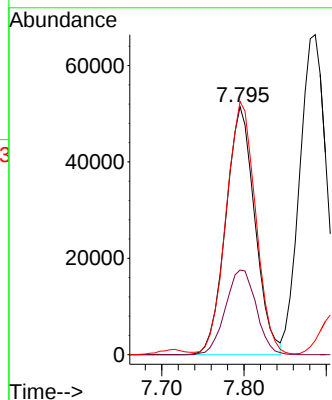
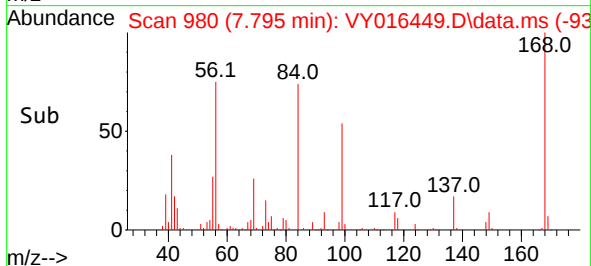


#31
Cyclohexane
Concen: 45.365 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Instrument :
MSVOA_Y
ClientSampleId :

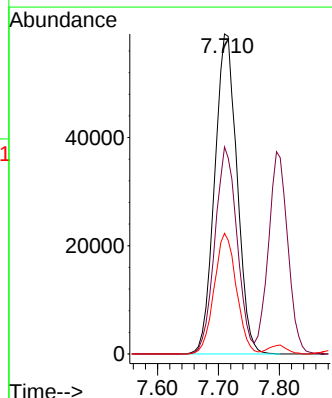
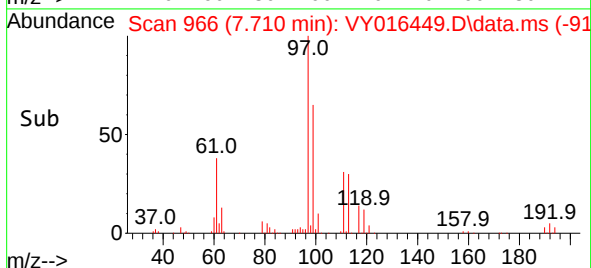
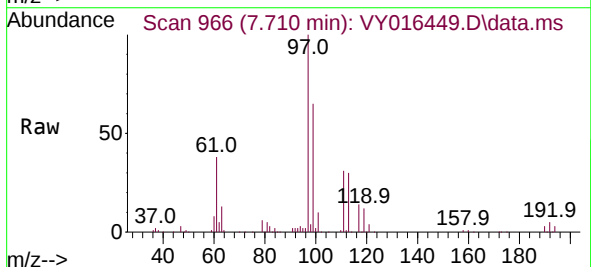


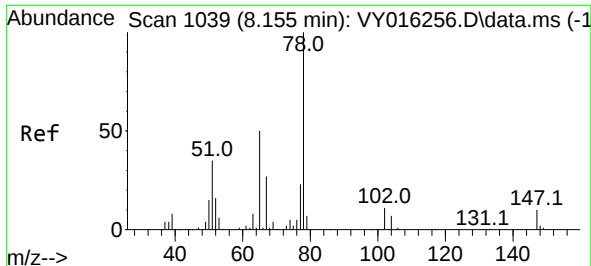
Tgt Ion: 56 Resp: 127025
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 100.5 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 53.370 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 97 Resp: 151077
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 37.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

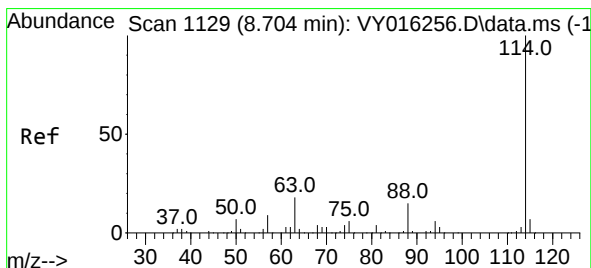
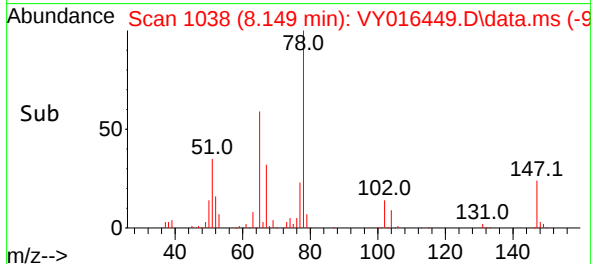
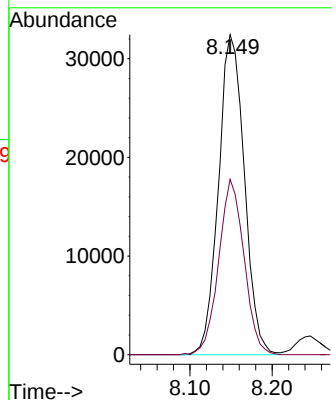
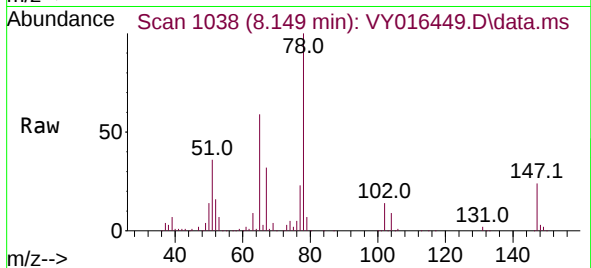
ClientSampleId :

Tgt Ion: 65 Resp: 70933

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

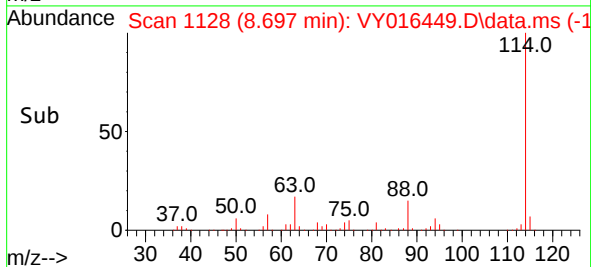
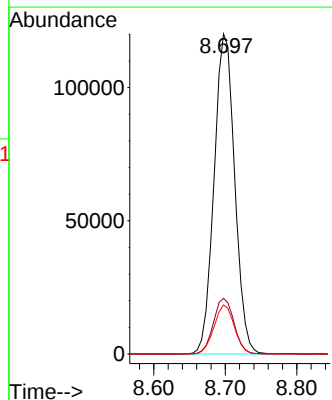
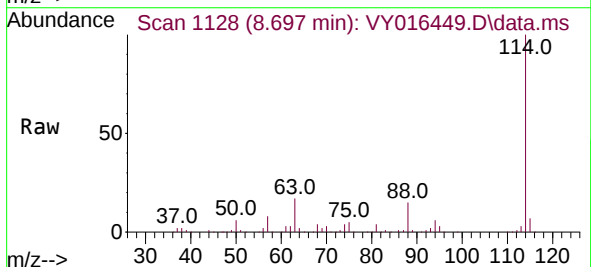
Tgt Ion: 114 Resp: 240810

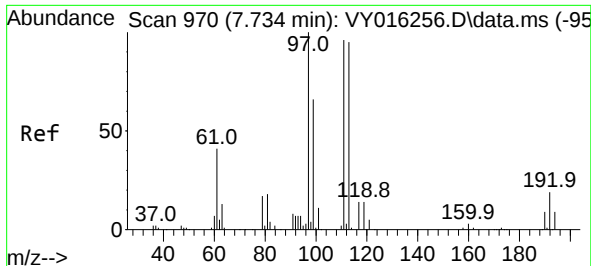
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.465 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

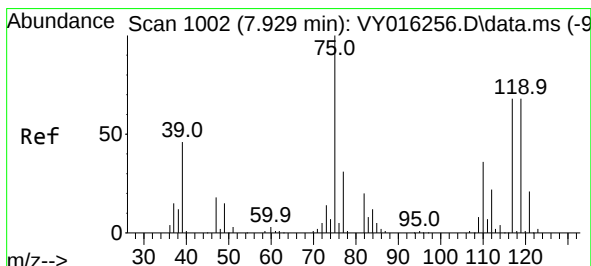
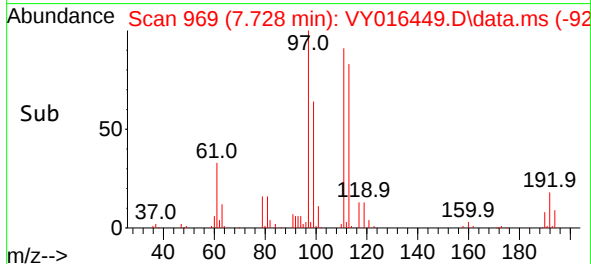
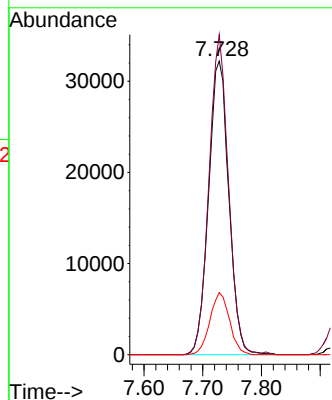
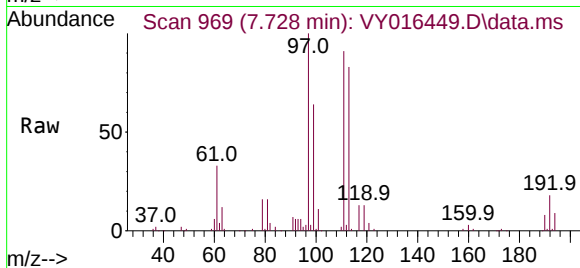
Tgt Ion:113 Resp: 77241

Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 51.745 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

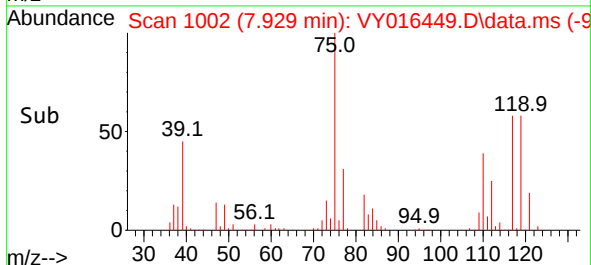
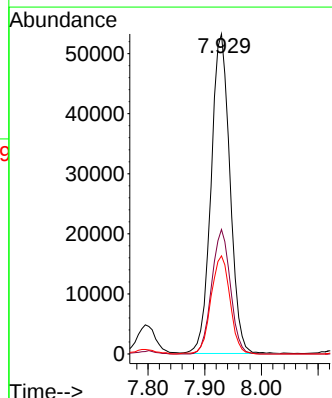
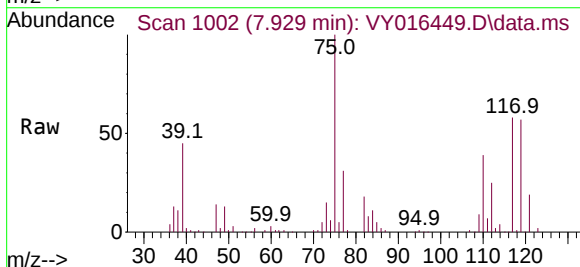
Tgt Ion: 75 Resp: 122910

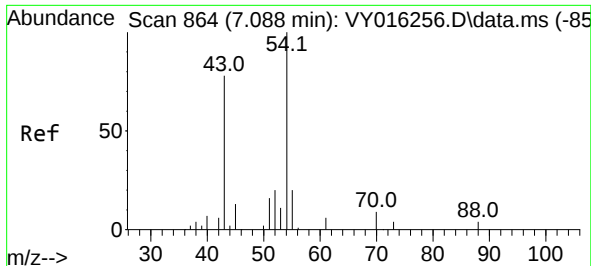
Ion Ratio Lower Upper

75 100

110 38.4 17.8 53.5

77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 47.004 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016449.D

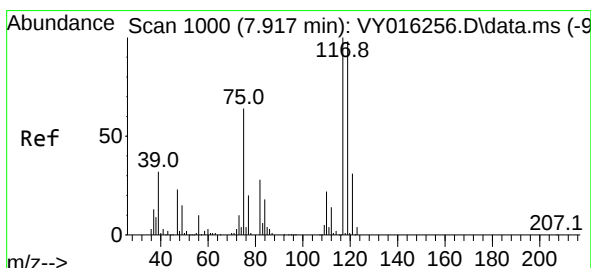
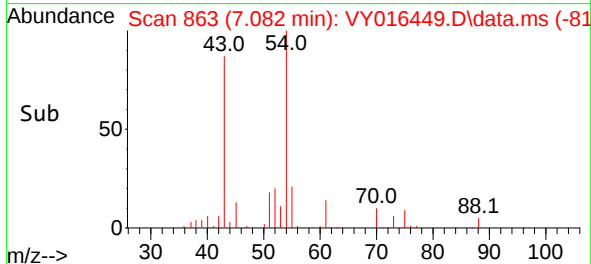
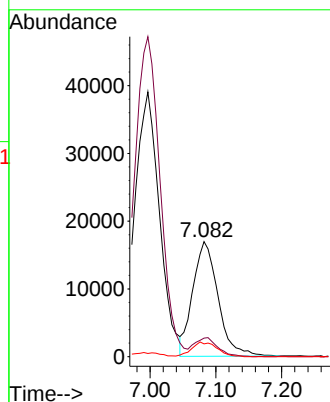
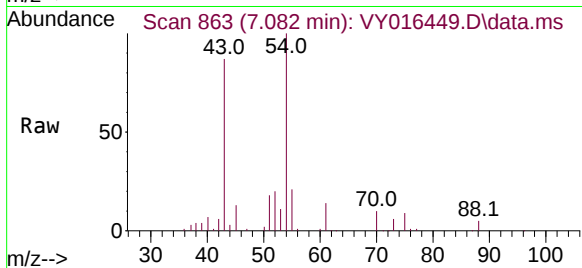
Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	45112
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.1	15.1#
70	12.8	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 57.199 ug/l

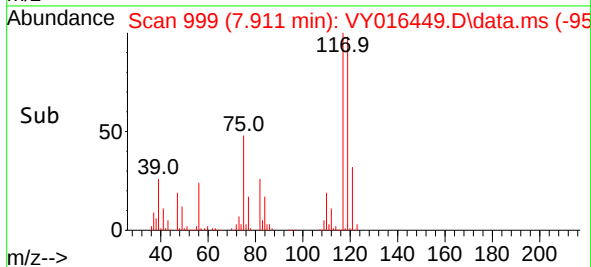
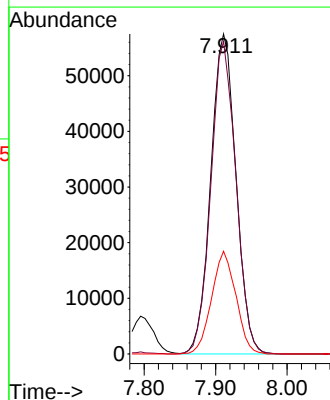
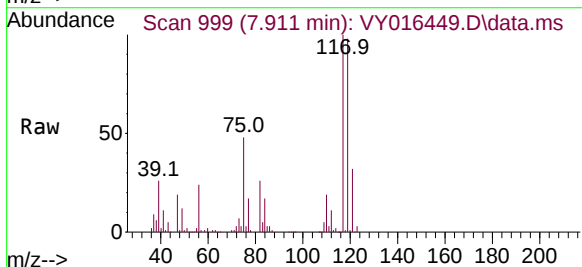
RT: 7.911 min Scan# 999

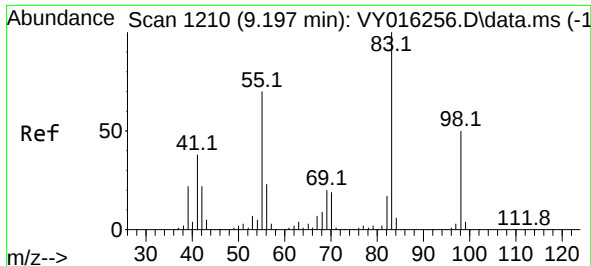
Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Tgt Ion:	117	Resp:	141010
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.4	114.6
121	32.1	25.8	38.6





#39

Methylcyclohexane

Concen: 53.161 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

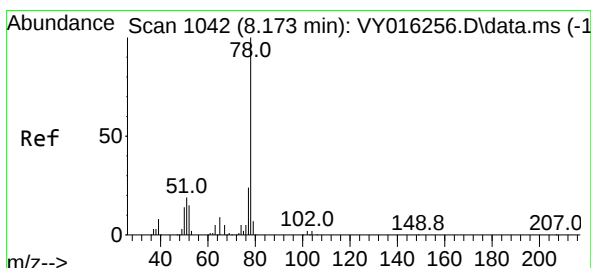
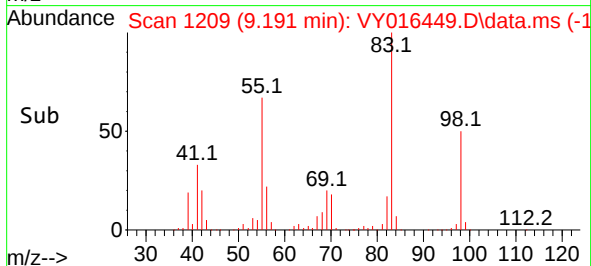
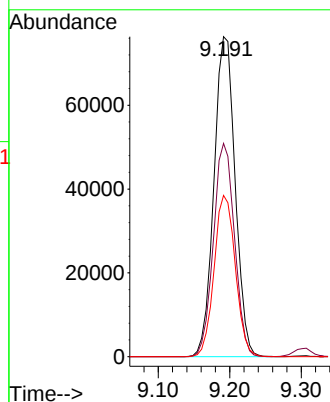
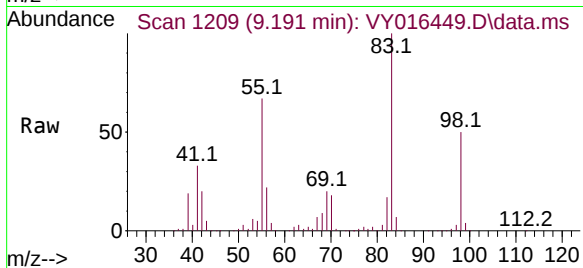
Tgt Ion: 83 Resp: 157346

Ion Ratio Lower Upper

83 100

55 66.7 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 52.940 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016449.D

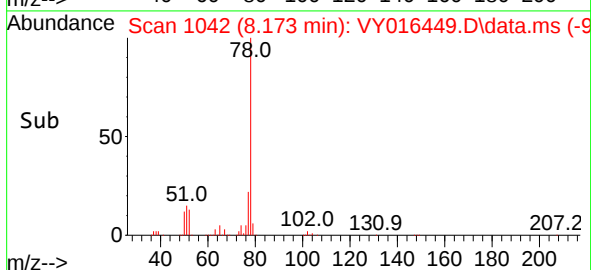
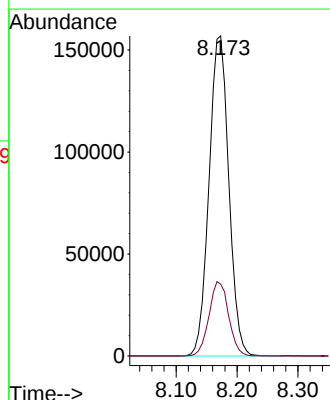
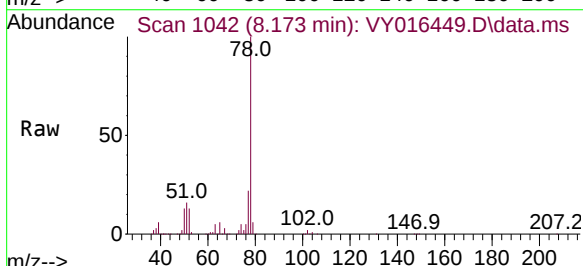
Acq: 22 Nov 2023 08:46

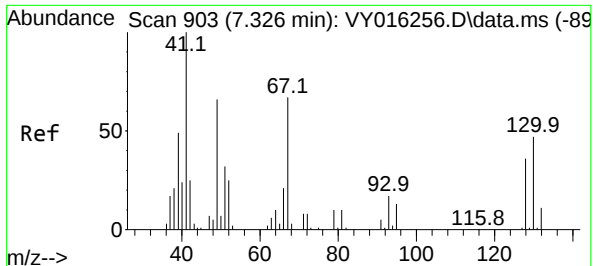
Tgt Ion: 78 Resp: 353299

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

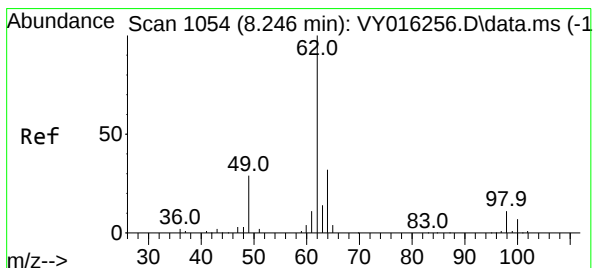
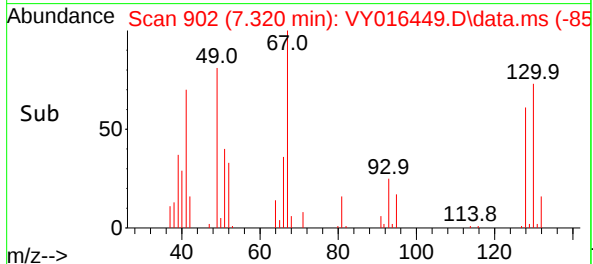
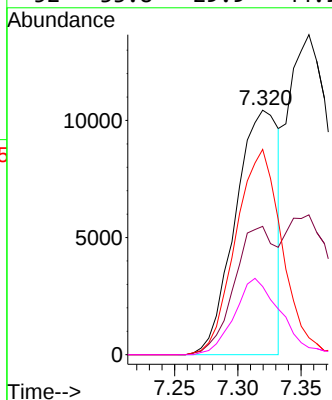
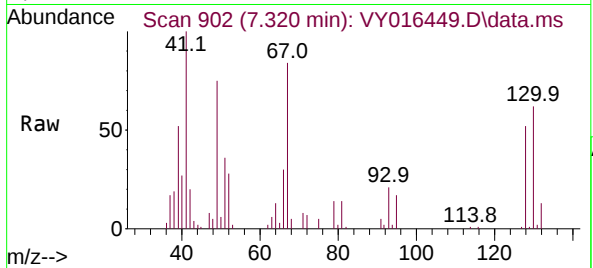




#41
Methacrylonitrile
Concen: 51.126 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

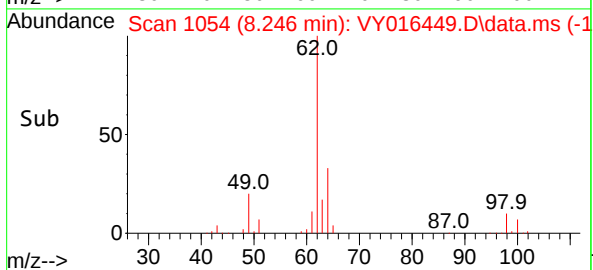
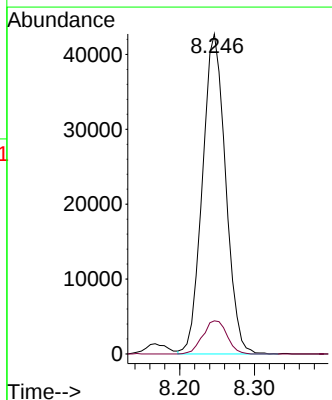
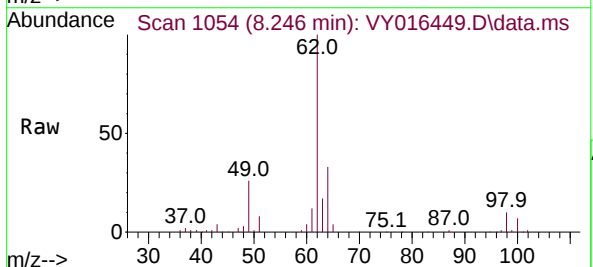
Instrument :
MSVOA_Y
ClientSampleId :

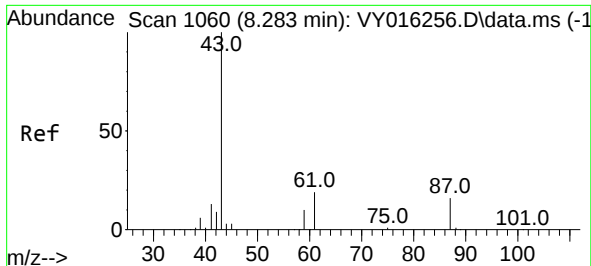
Tgt Ion: 41 Resp: 24741
Ion Ratio Lower Upper
41 100
39 51.6 52.1 78.1#
67 90.8 66.2 99.2
52 33.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 53.281 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 62 Resp: 92131
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8

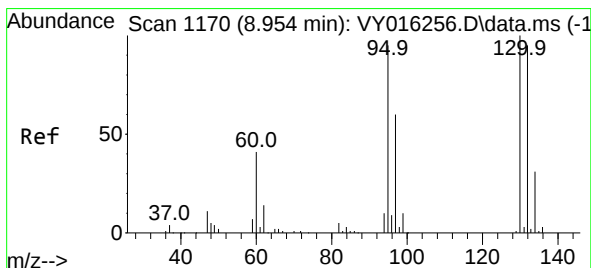
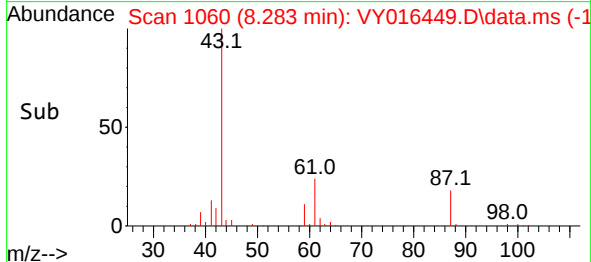
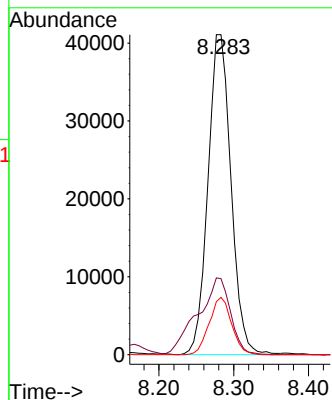
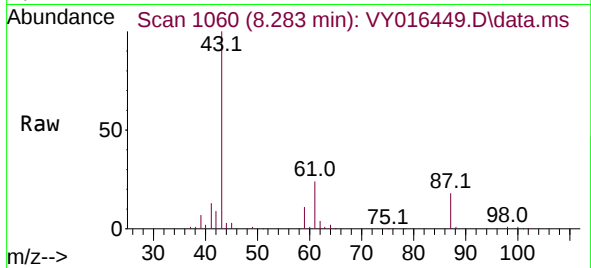




#43
Isopropyl Acetate
Concen: 47.557 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

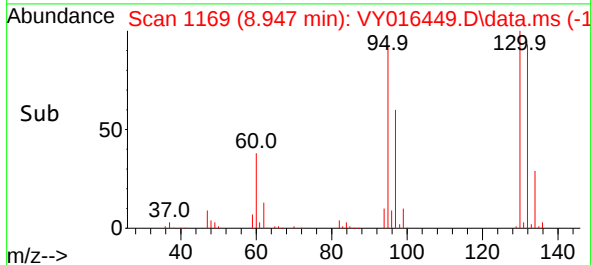
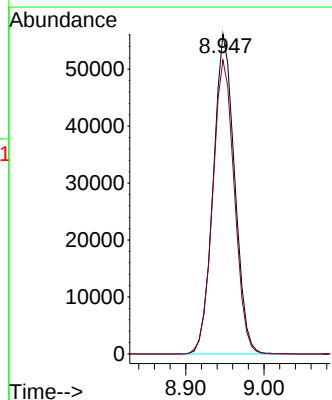
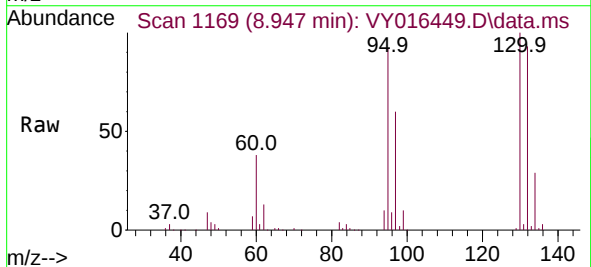
Instrument :
MSVOA_Y
ClientSampleId :

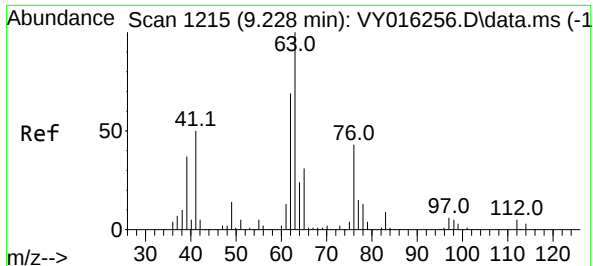
Tgt Ion: 43 Resp: 88227
Ion Ratio Lower Upper
43 100
61 33.9 21.1 31.7#
87 17.4 9.8 14.8#



#44
Trichloroethene
Concen: 55.597 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion:130 Resp: 106633
Ion Ratio Lower Upper
130 100
95 91.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.496 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

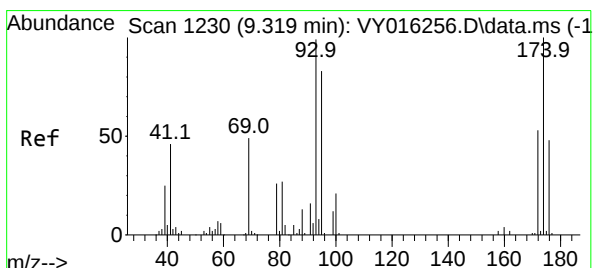
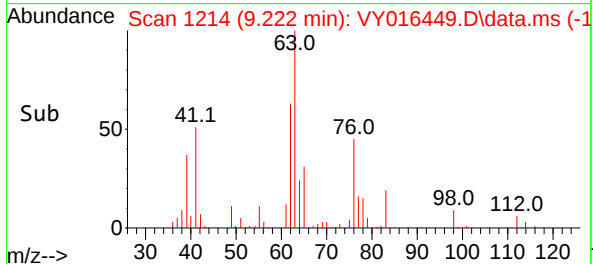
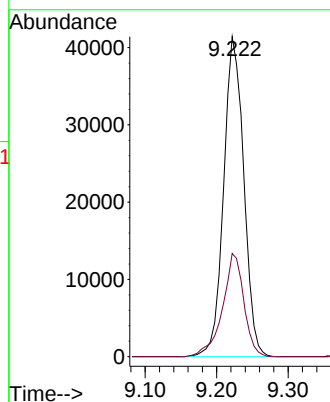
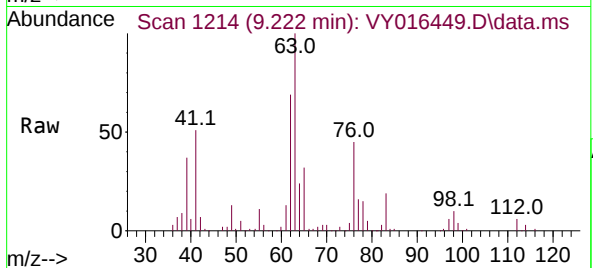
ClientSampleId :

Tgt Ion: 63 Resp: 80931

Ion Ratio Lower Upper

63 100

65 32.3 23.8 35.6



#46

Dibromomethane

Concen: 54.257 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

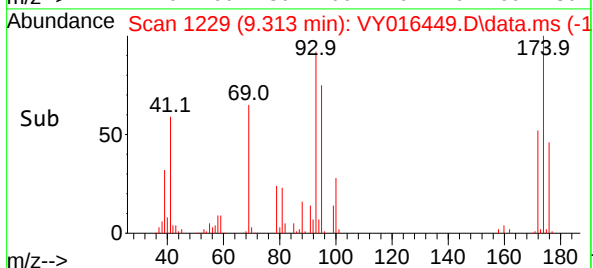
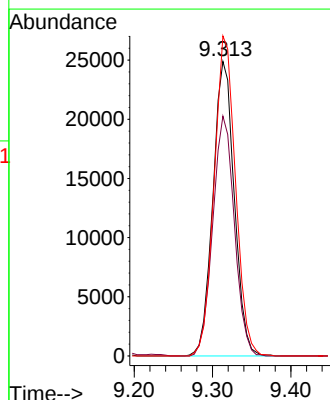
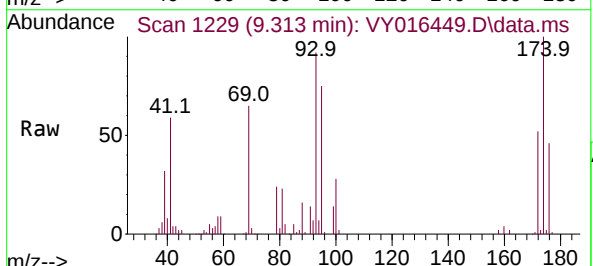
Tgt Ion: 93 Resp: 47123

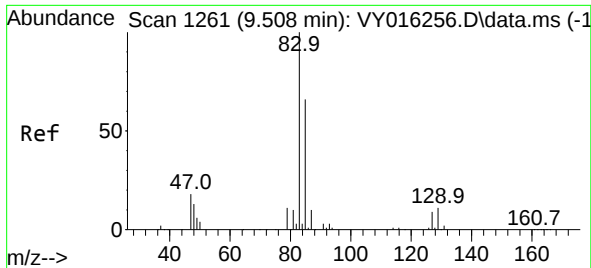
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 108.8 84.8 127.2





#47

Bromodichloromethane

Concen: 53.825 ug/l

RT: 9.502 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

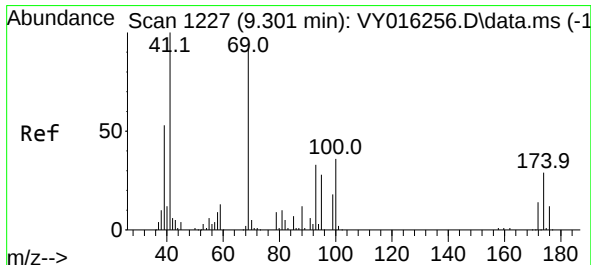
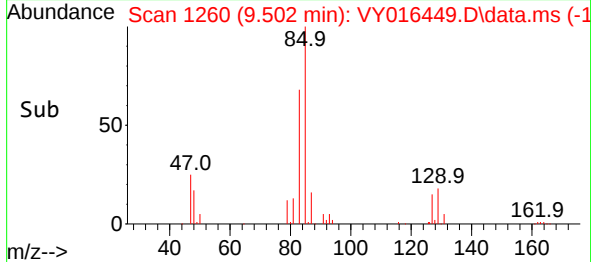
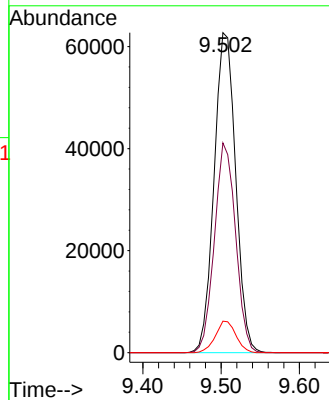
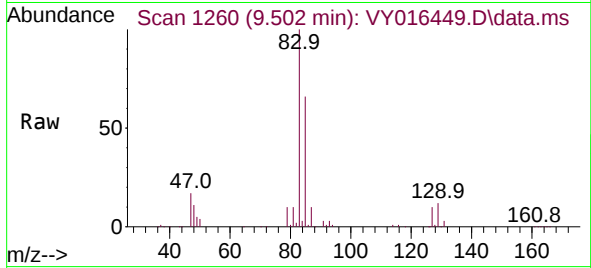
Tgt Ion: 83 Resp: 120183

Ion Ratio Lower Upper

83 100

85 65.5 50.1 75.1

127 9.8 7.1 10.7



#48

Methyl methacrylate

Concen: 49.022 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

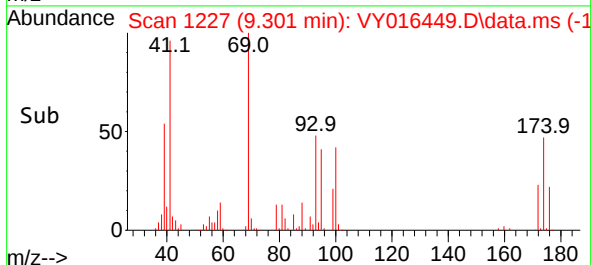
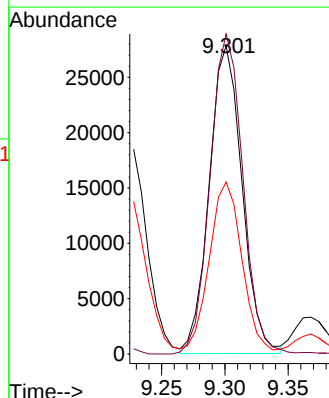
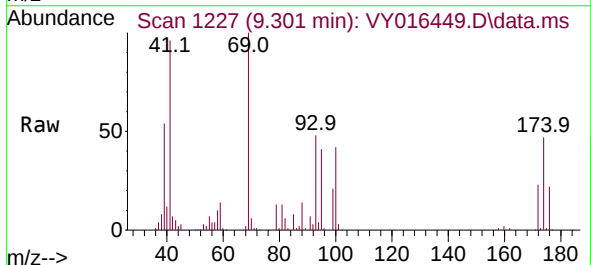
Tgt Ion: 41 Resp: 50262

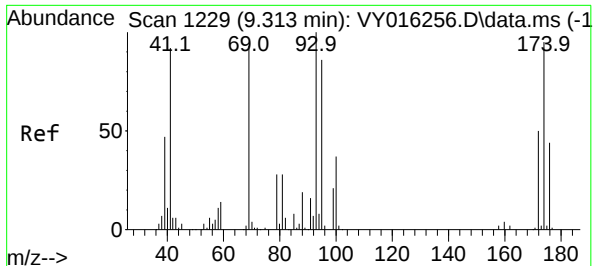
Ion Ratio Lower Upper

41 100

69 103.8 64.5 96.7#

39 53.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1161.209 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

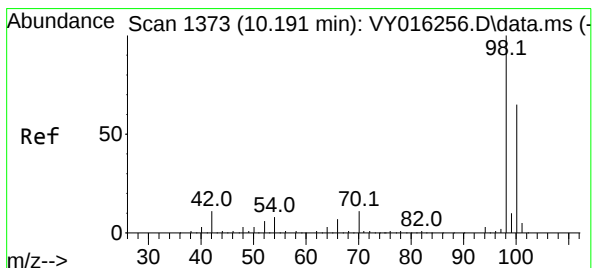
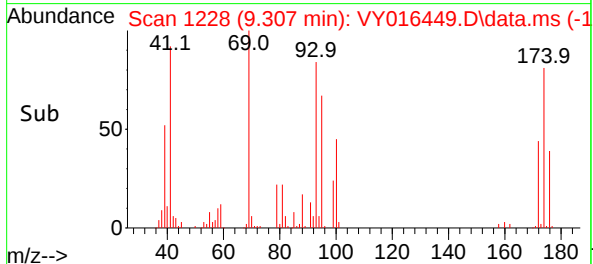
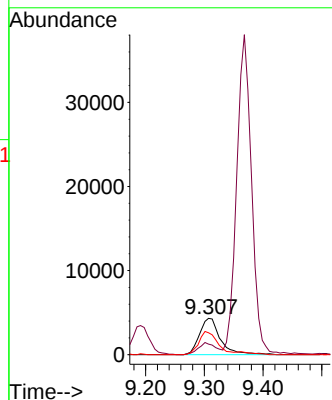
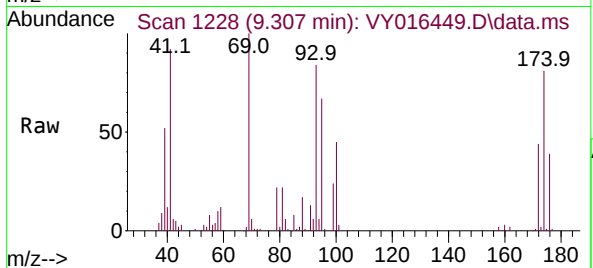
Tgt Ion: 88 Resp: 10707

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 56.7 30.9 46.3#



#50

Toluene-d8

Concen: 52.840 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016449.D

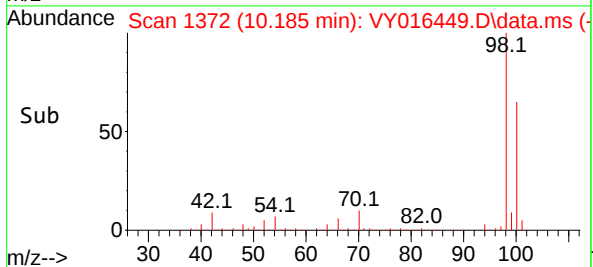
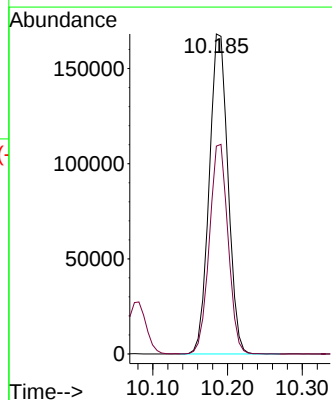
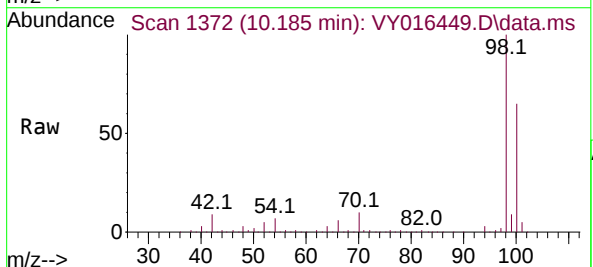
Acq: 22 Nov 2023 08:46

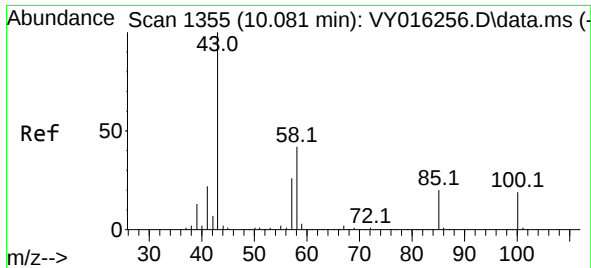
Tgt Ion: 98 Resp: 293123

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

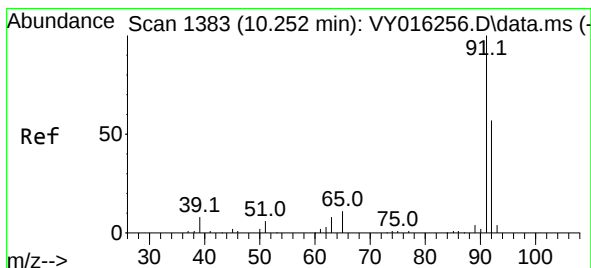
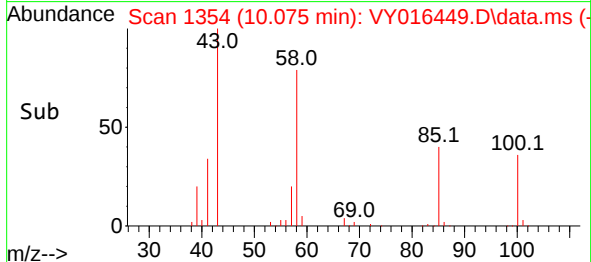
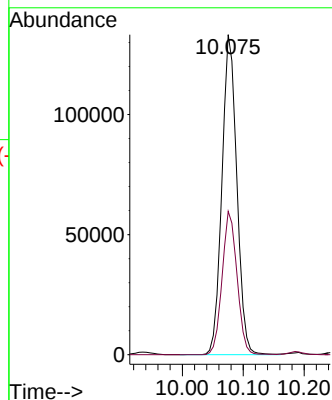
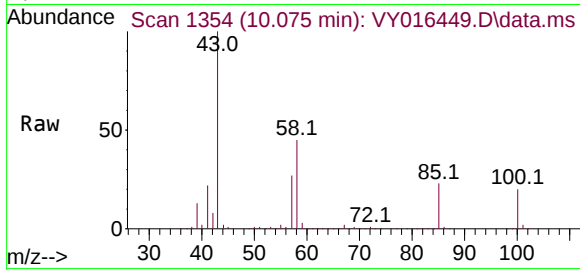




#51
4-Methyl-2-Pentanone
Concen: 241.537 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

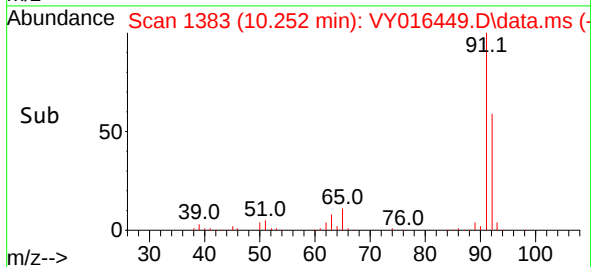
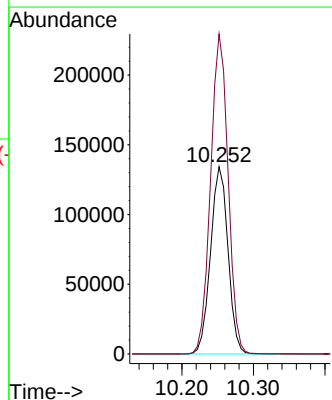
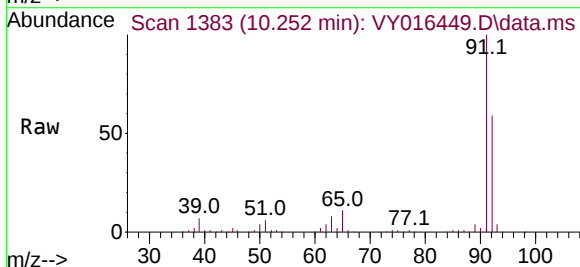
Instrument :
MSVOA_Y
ClientSampleId :

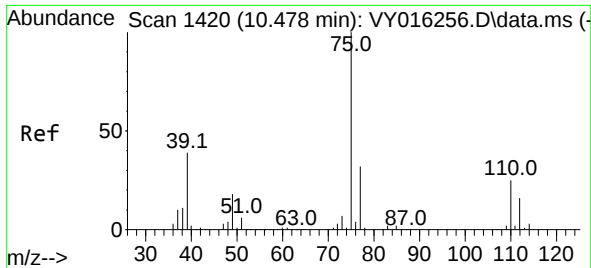
Tgt Ion: 43 Resp: 226591
Ion Ratio Lower Upper
43 100
58 44.8 29.0 43.6#



#52
Toluene
Concen: 53.858 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 92 Resp: 227203
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6

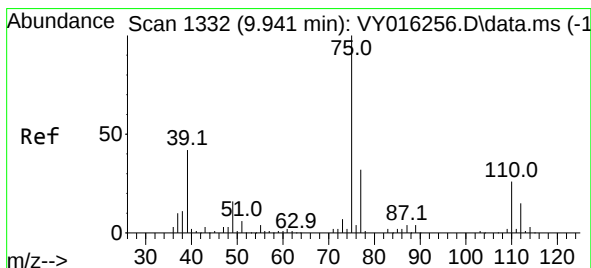
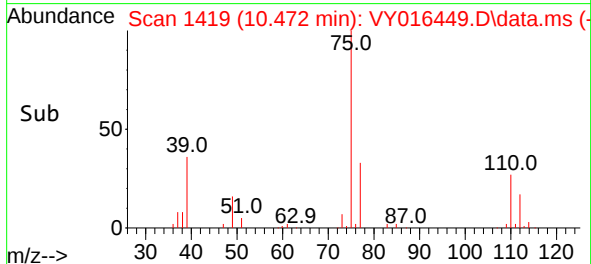
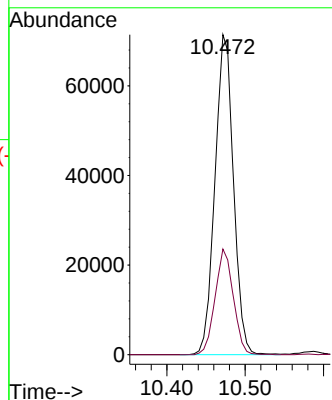
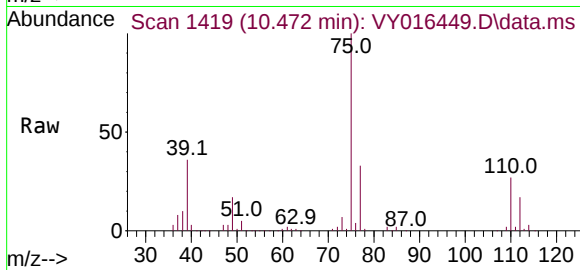




#53
t-1,3-Dichloropropene
Concen: 54.232 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

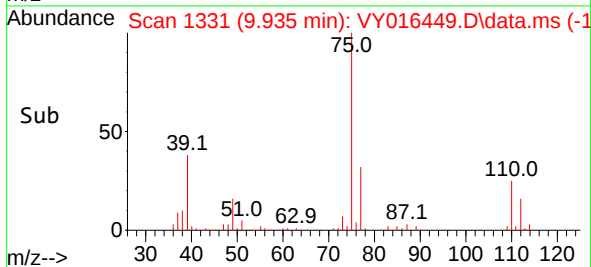
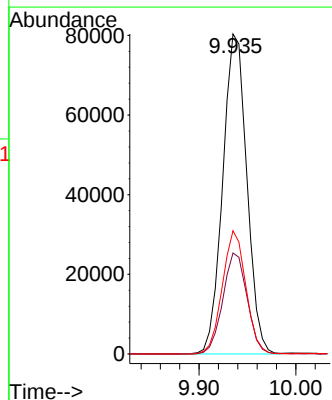
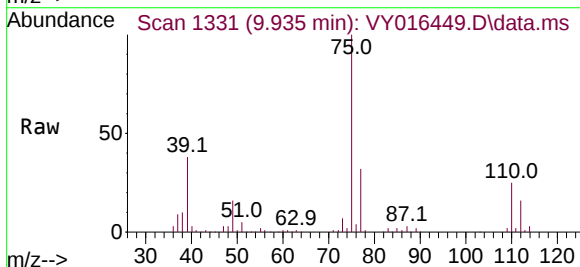
Instrument :
MSVOA_Y
ClientSampleId :

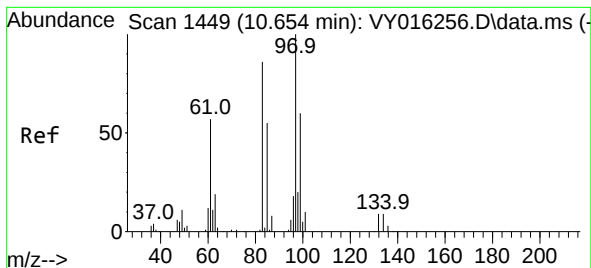
Tgt Ion: 75 Resp: 117390
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.784 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 75 Resp: 139051
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 38.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.916 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 65739

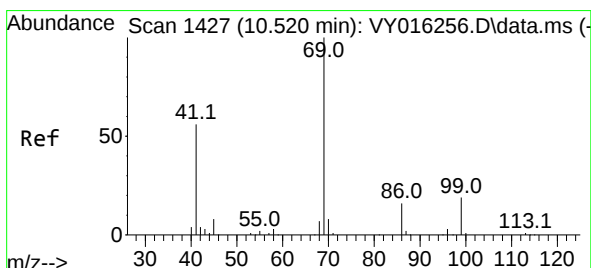
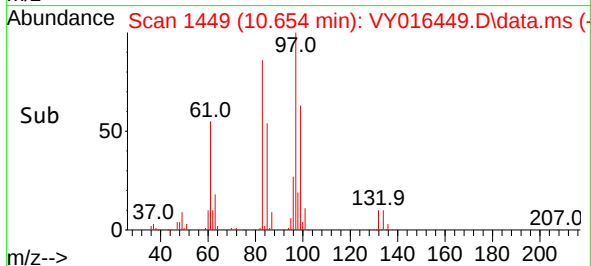
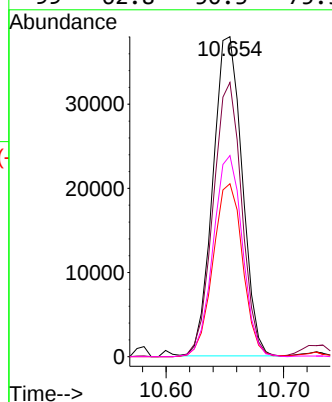
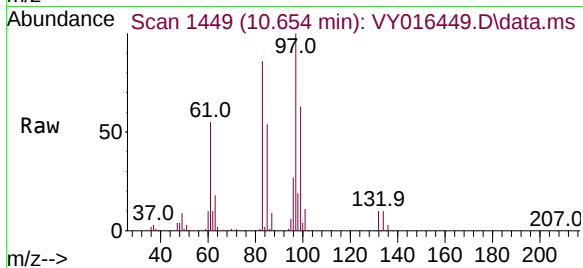
Ion Ratio Lower Upper

97 100

83 85.7 72.0 108.0

85 54.0 45.4 68.0

99 62.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 55.801 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

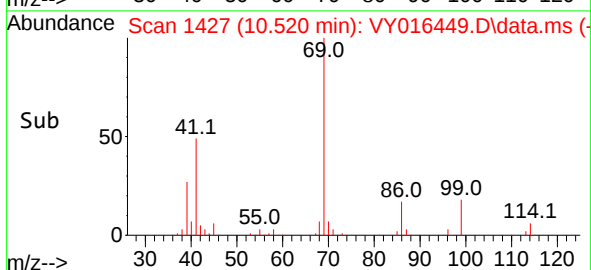
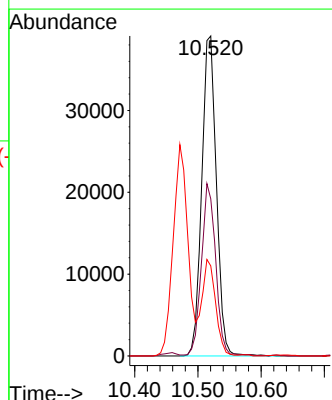
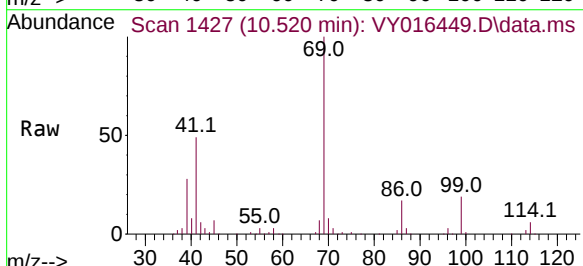
Tgt Ion: 69 Resp: 63056

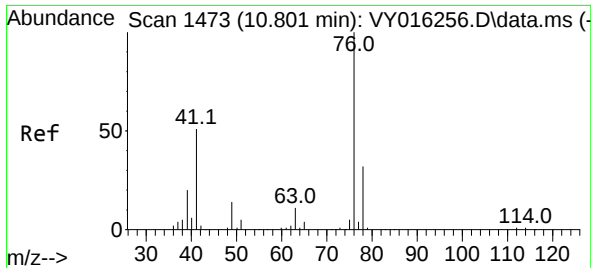
Ion Ratio Lower Upper

69 100

41 52.9 57.6 86.4#

39 28.1 34.1 51.1#

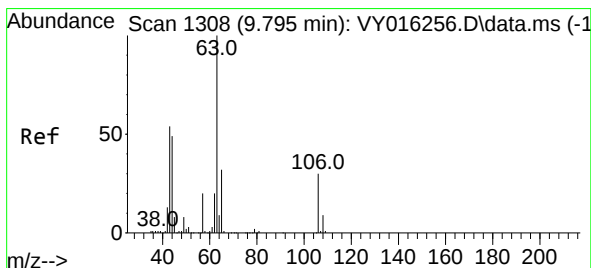
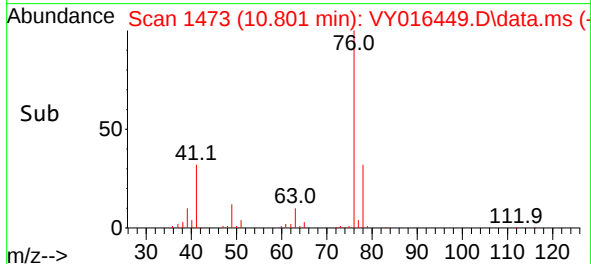
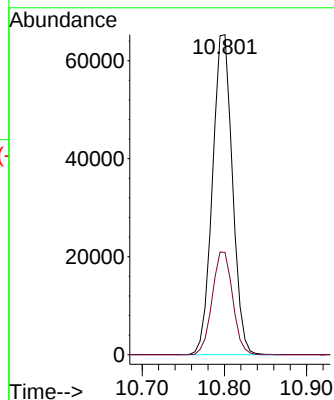
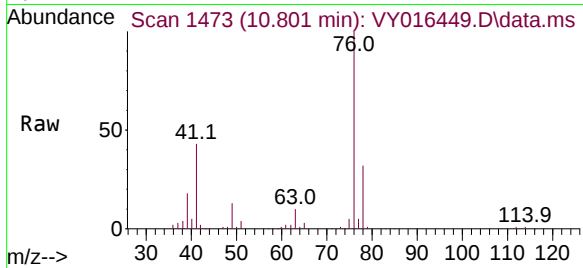




#57
1,3-Dichloropropane
Concen: 54.019 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

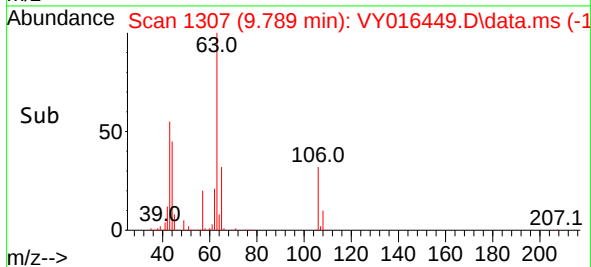
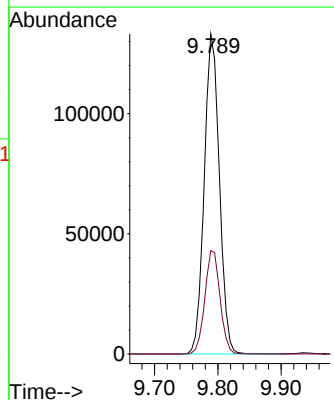
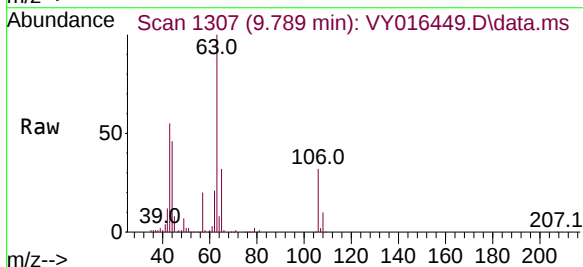
Instrument :
MSVOA_Y
ClientSampleId :

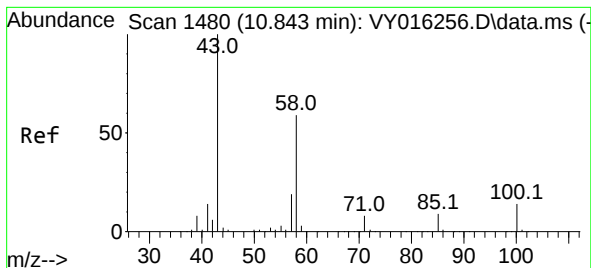
Tgt Ion: 76 Resp: 110227
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 290.053 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 63 Resp: 222245
Ion Ratio Lower Upper
63 100
106 32.4 21.2 31.8#

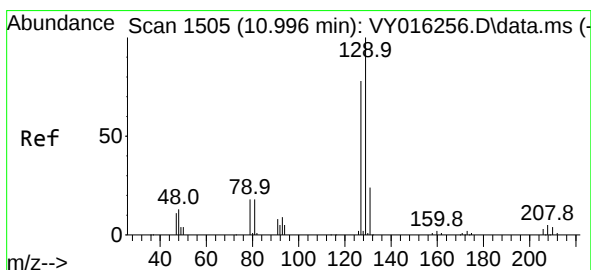
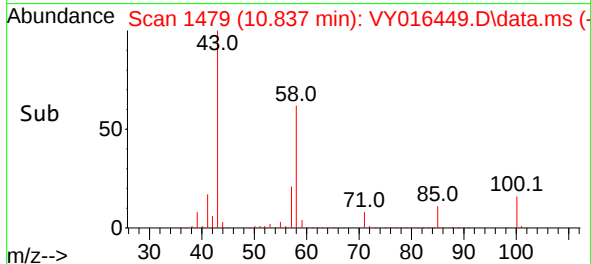
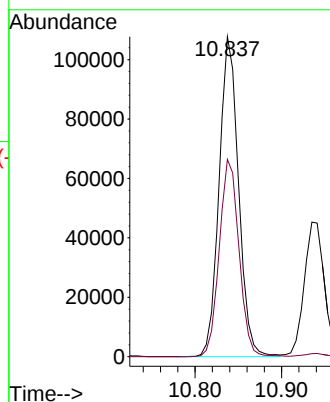
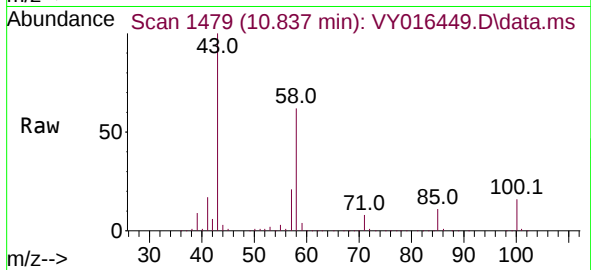




#59
2-Hexanone
Concen: 240.421 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

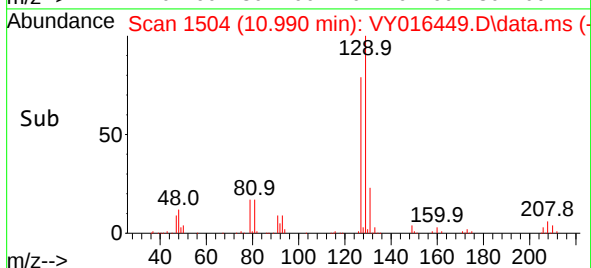
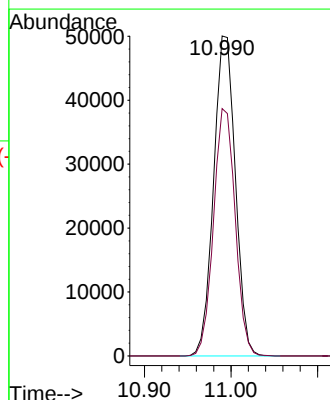
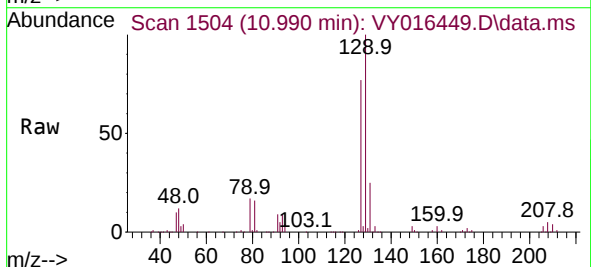
Instrument :
MSVOA_Y
ClientSampleId :

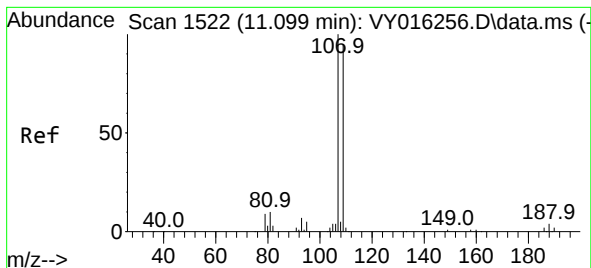
Tgt Ion: 43 Resp: 167765
Ion Ratio Lower Upper
43 100
58 62.5 25.1 75.3



#60
Dibromochloromethane
Concen: 58.386 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 129 Resp: 87411
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 56.777 ug/l

RT: 11.093 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

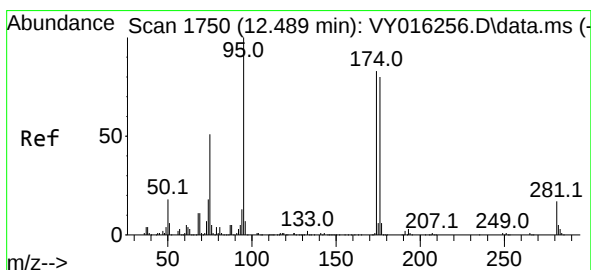
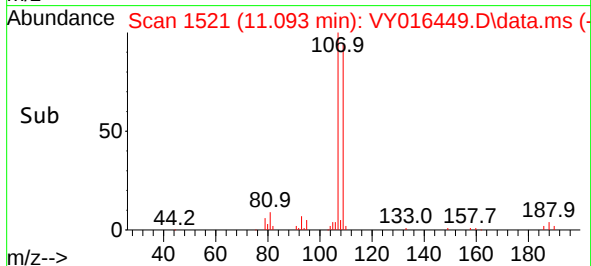
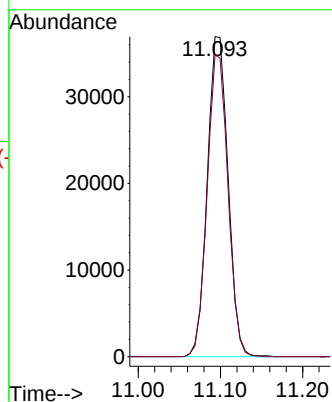
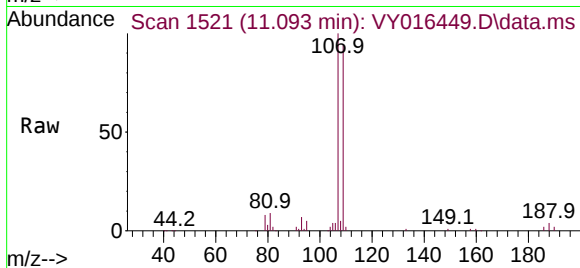
ClientSampleId :

Tgt Ion:107 Resp: 64752

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.644 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

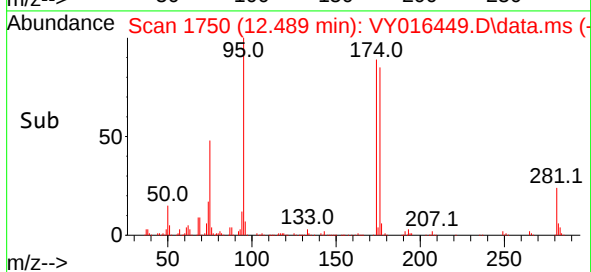
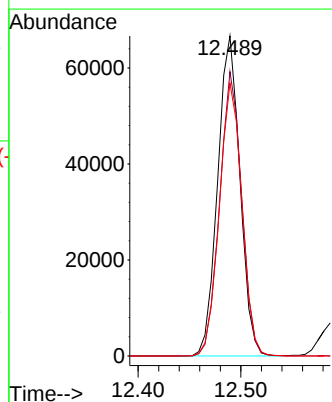
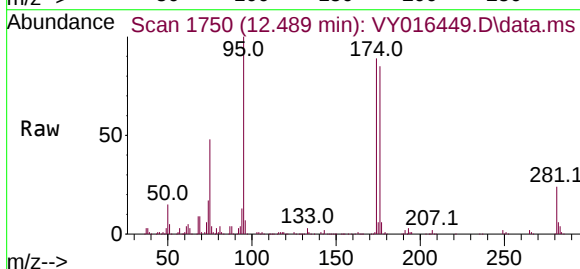
Tgt Ion: 95 Resp: 100253

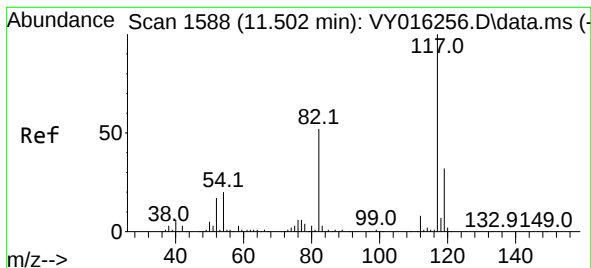
Ion Ratio Lower Upper

95 100

174 87.6 0.0 178.2

176 86.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

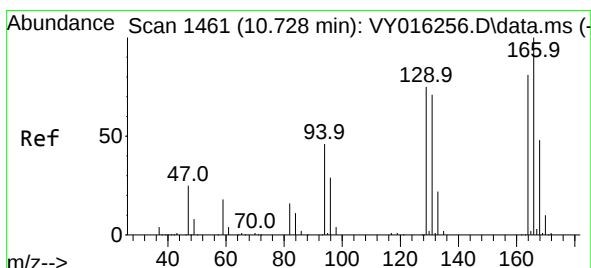
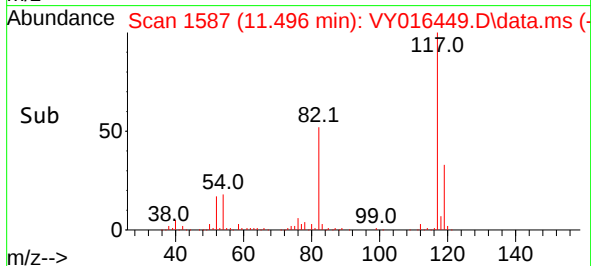
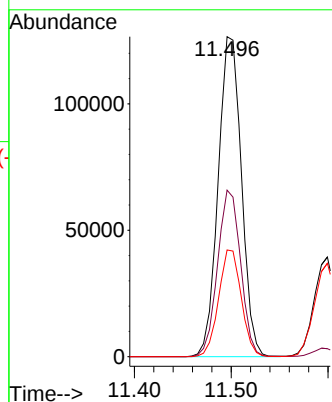
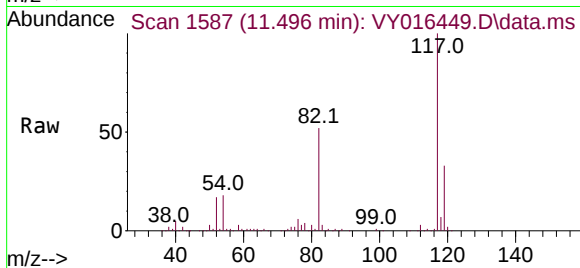
Tgt Ion:117 Resp: 211559

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 33.4 26.3 39.5



#64

Tetrachloroethene

Concen: 55.979 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Tgt Ion:164 Resp: 106337

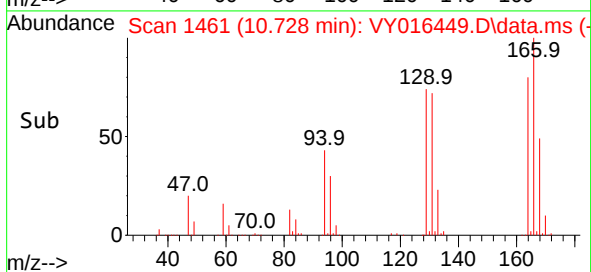
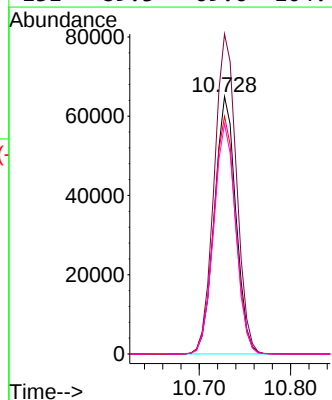
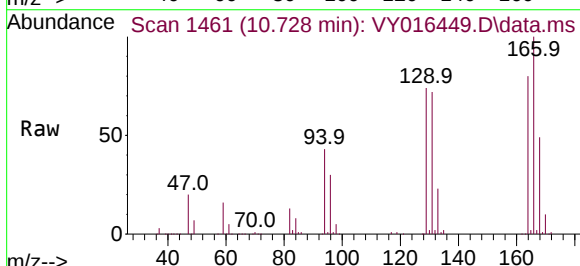
Ion Ratio Lower Upper

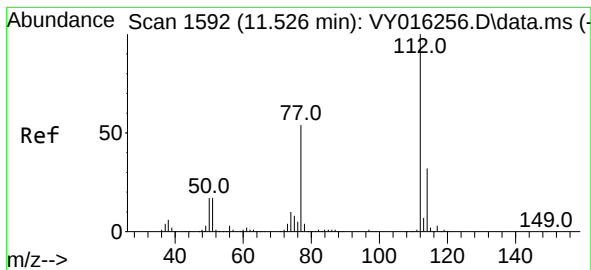
164 100

166 124.3 103.0 154.6

129 92.3 77.2 115.8

131 89.3 69.6 104.4





#65

Chlorobenzene

Concen: 54.812 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

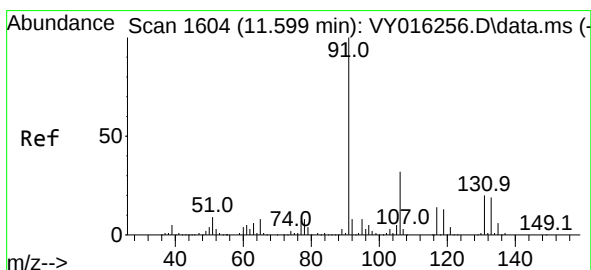
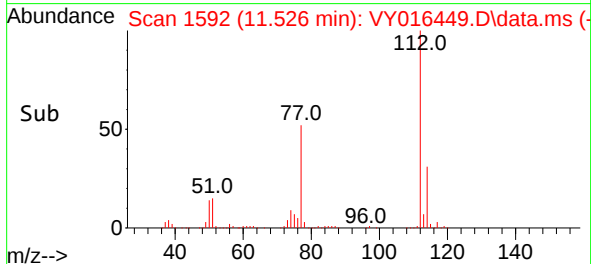
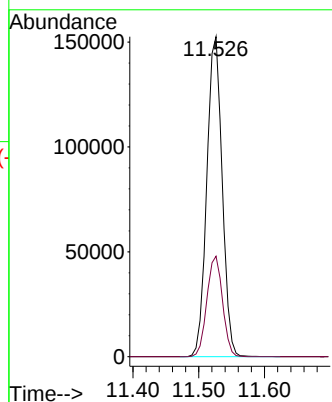
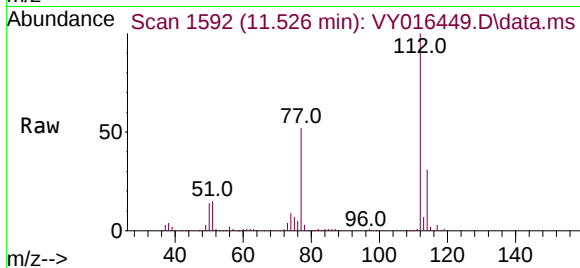
ClientSampleId :

Tgt Ion:112 Resp: 247752

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 55.735 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

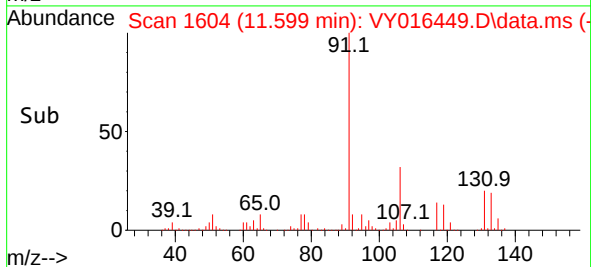
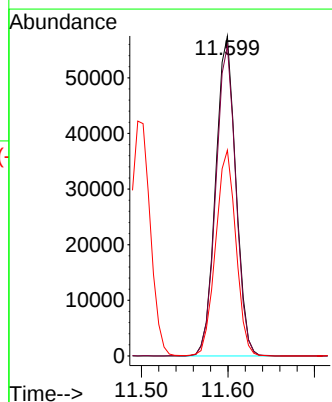
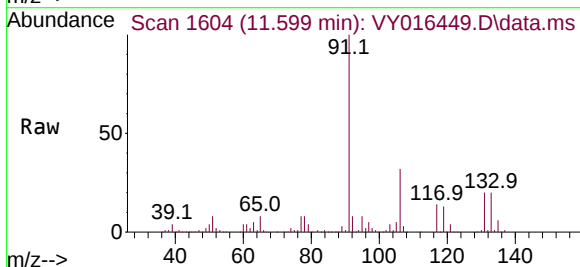
Tgt Ion:131 Resp: 92918

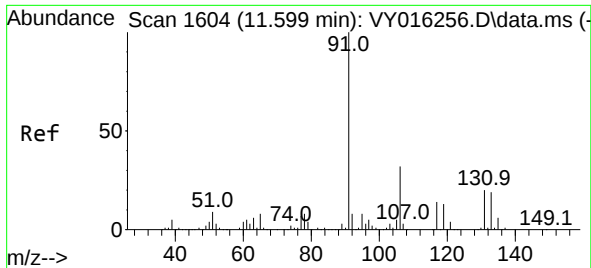
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 64.7 31.6 94.7

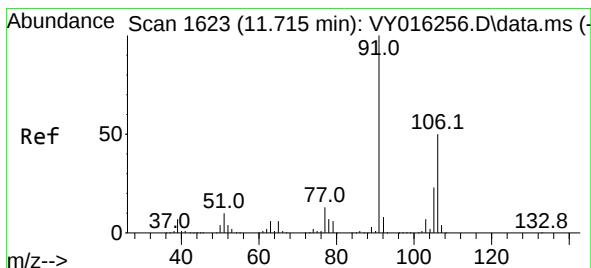
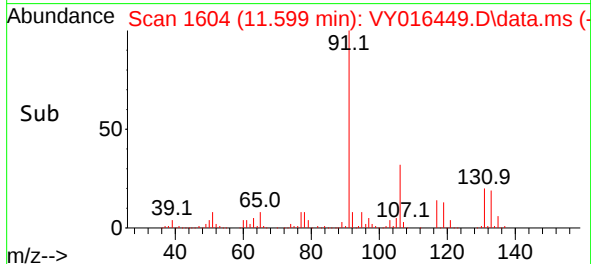
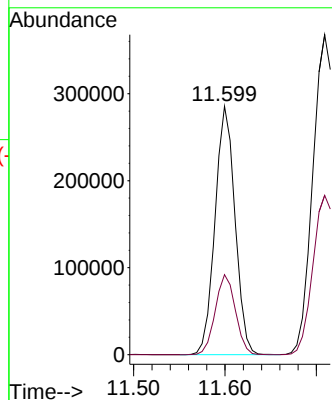
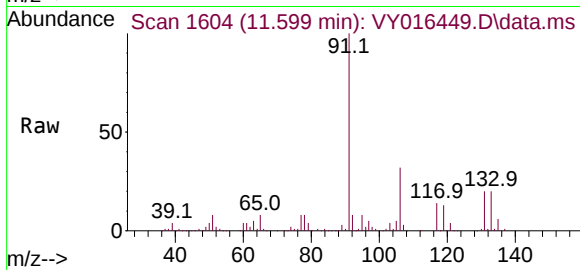




#67
Ethyl Benzene
Concen: 53.370 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

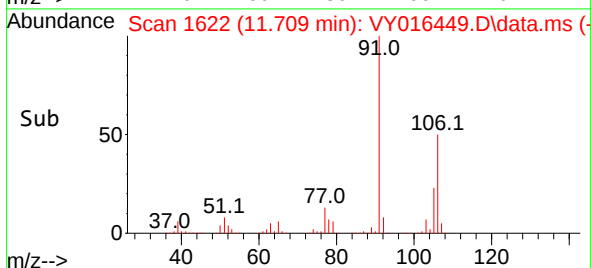
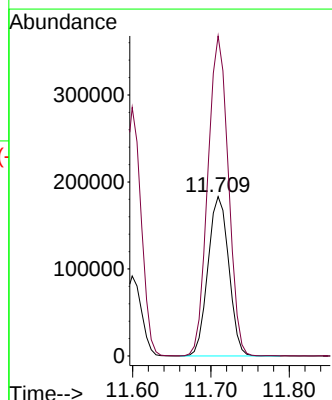
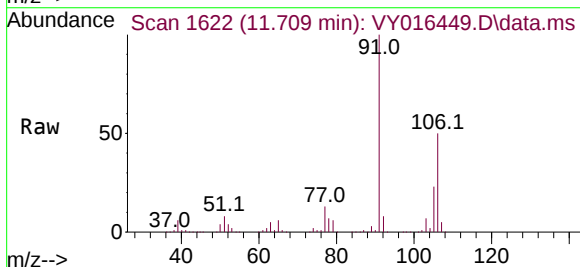
Instrument :
MSVOA_Y
ClientSampleId :

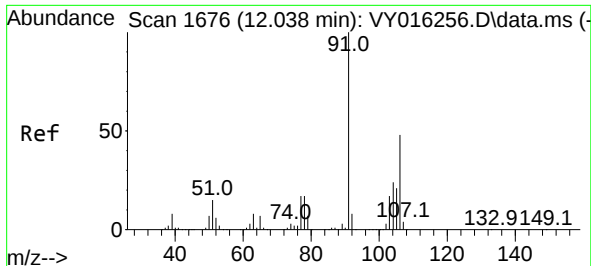
Tgt Ion: 91 Resp: 433539
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 109.792 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion:106 Resp: 338274
Ion Ratio Lower Upper
106 100
91 197.4 166.1 249.1

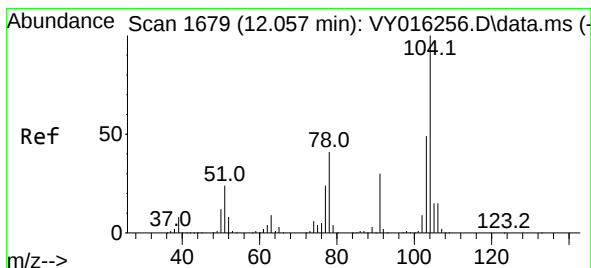
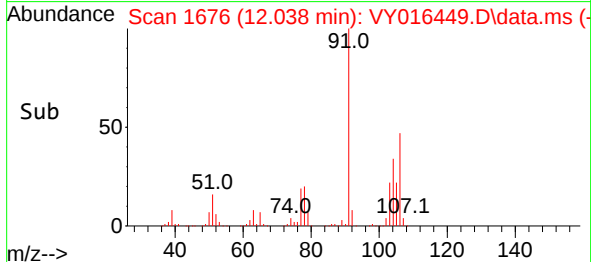
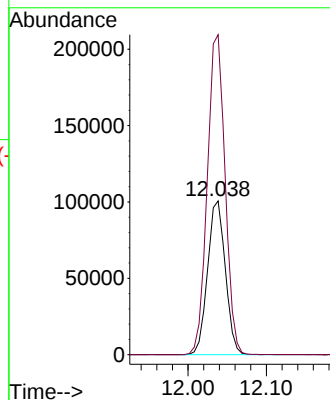
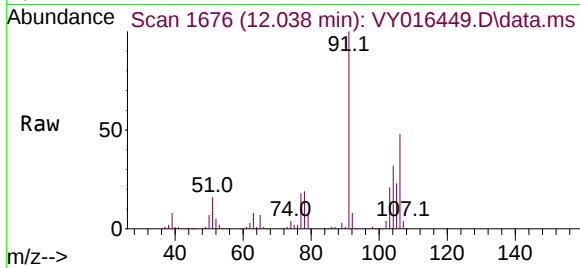




#69
o-Xylene
Concen: 55.259 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

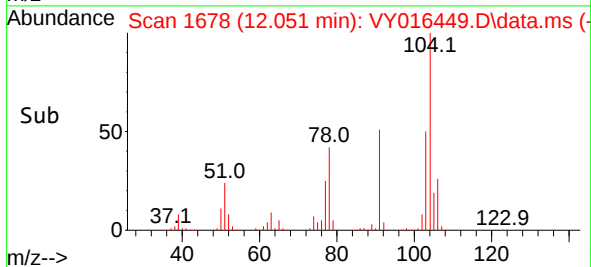
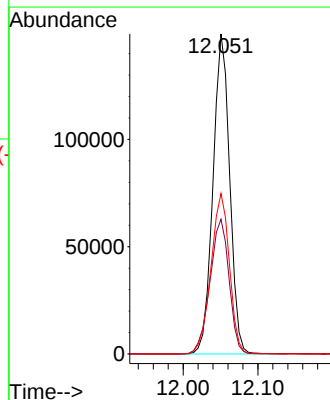
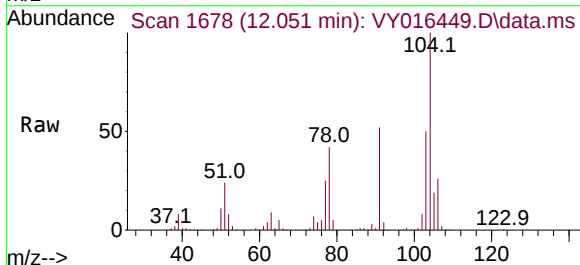
Instrument :
MSVOA_Y
ClientSampleId :

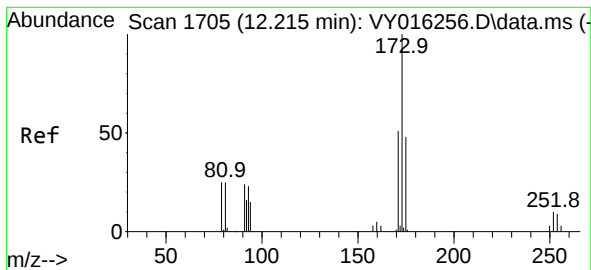
Tgt Ion:106 Resp: 158076
Ion Ratio Lower Upper
106 100
91 209.0 108.1 324.3



#70
Styrene
Concen: 56.738 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion:104 Resp: 232408
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 55.3 44.6 67.0





#71

Bromoform

Concen: 58.889 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

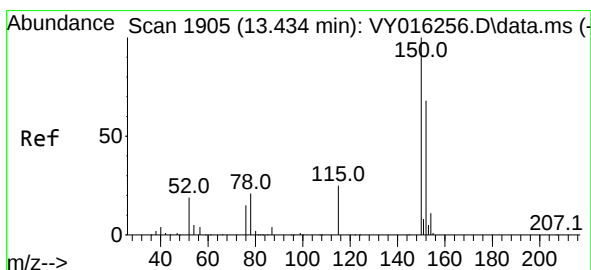
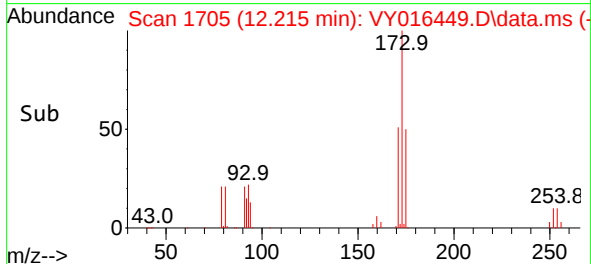
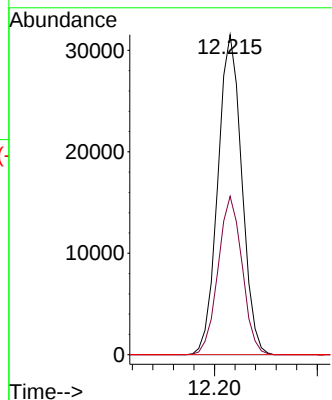
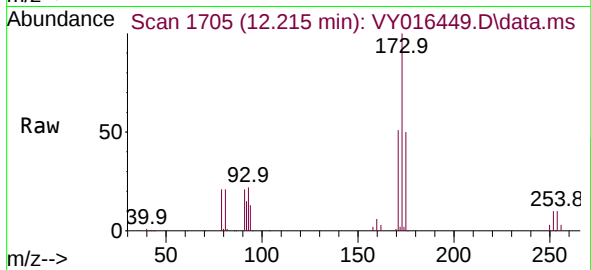
Tgt Ion:173 Resp: 50942

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

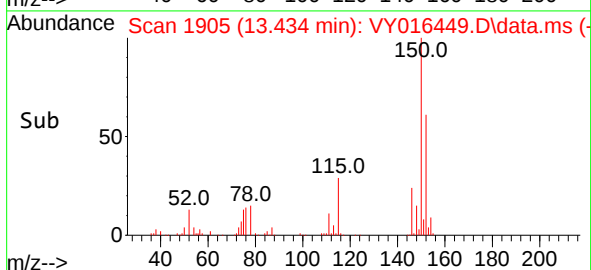
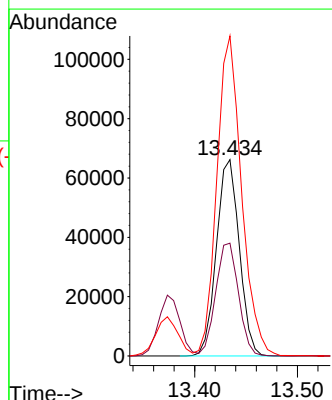
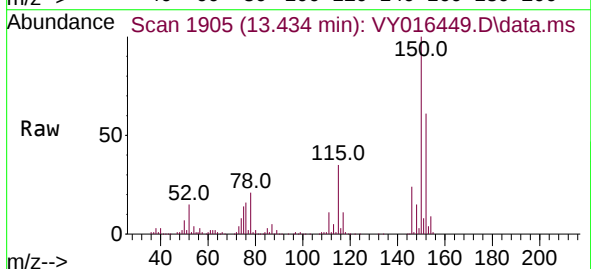
Tgt Ion:152 Resp: 102122

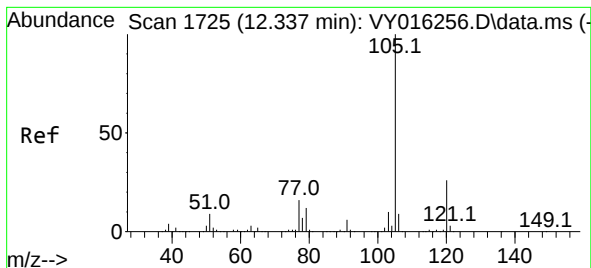
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 176.6 0.0 348.8





#73

Isopropylbenzene

Concen: 52.322 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

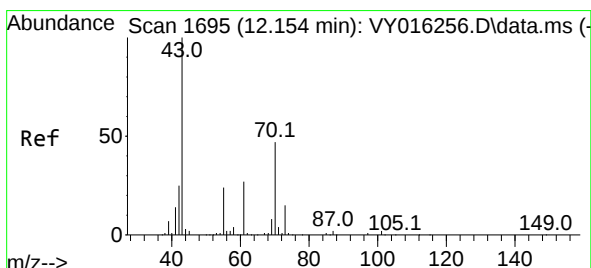
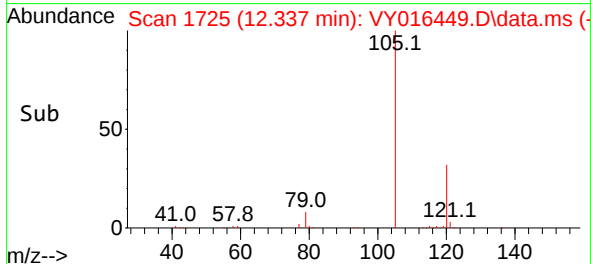
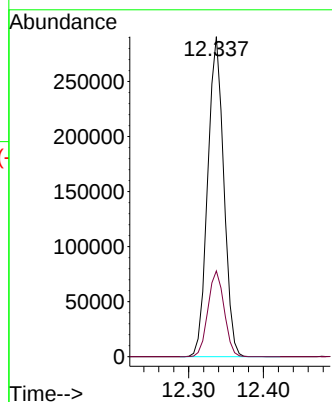
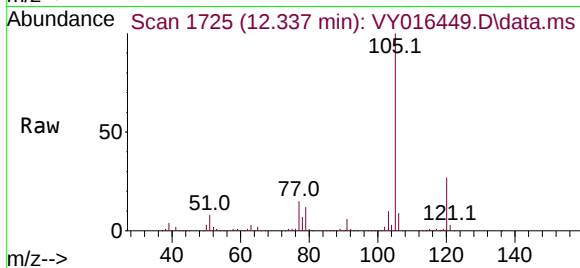
ClientSampleId :

Tgt Ion:105 Resp: 432682

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 45.615 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Tgt Ion: 43 Resp: 75771

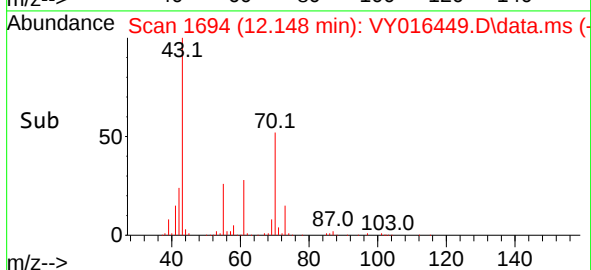
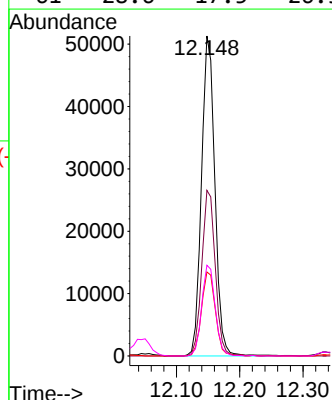
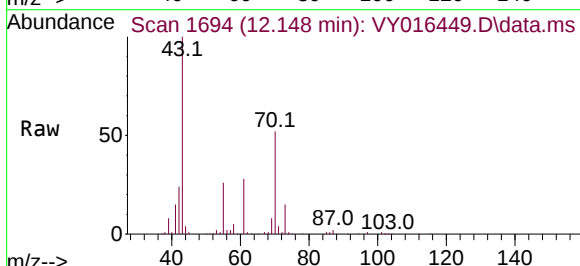
Ion Ratio Lower Upper

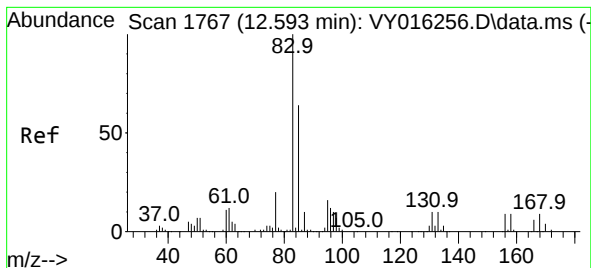
43 100

70 52.2 29.7 44.5#

55 27.2 18.3 27.5

61 28.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.305 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

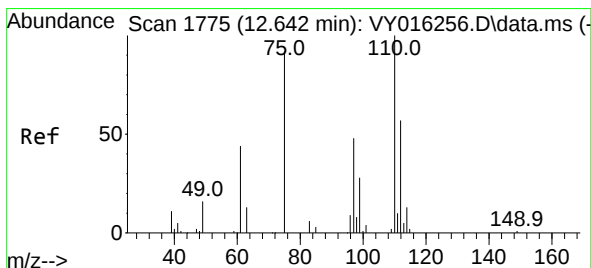
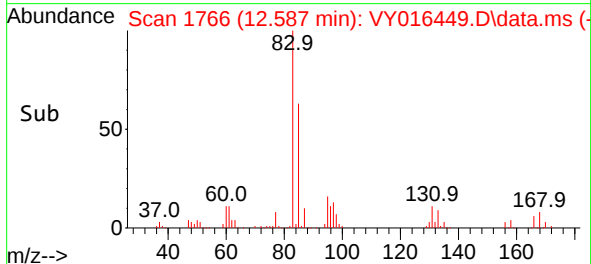
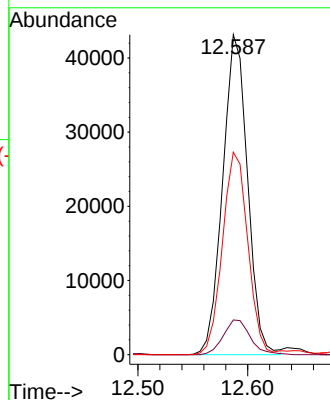
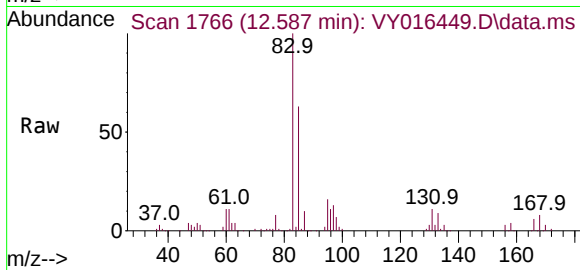
Tgt Ion: 83 Resp: 68081

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 92.935 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016449.D

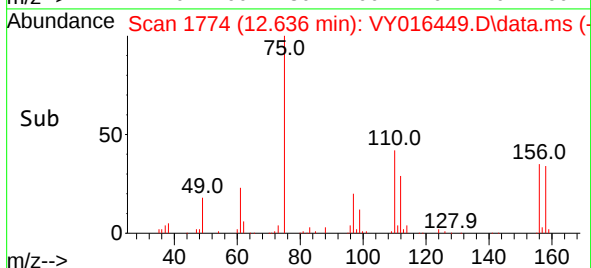
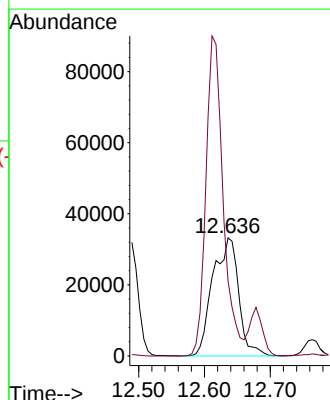
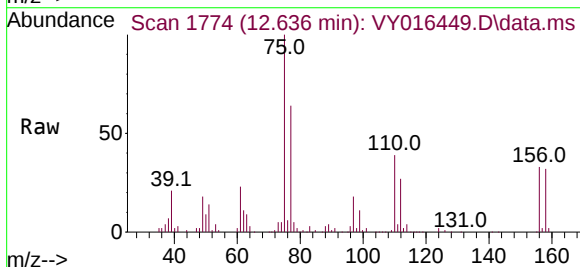
Acq: 22 Nov 2023 08:46

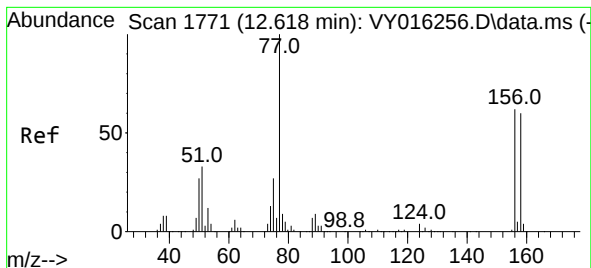
Tgt Ion: 75 Resp: 91043

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.856 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

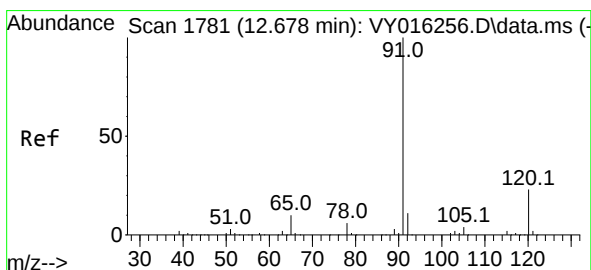
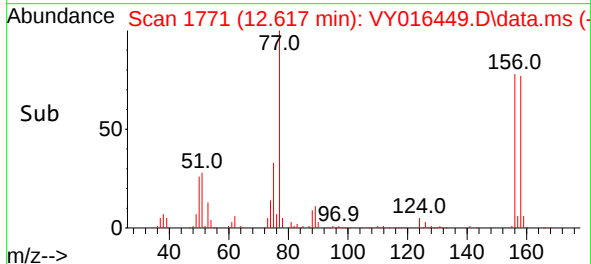
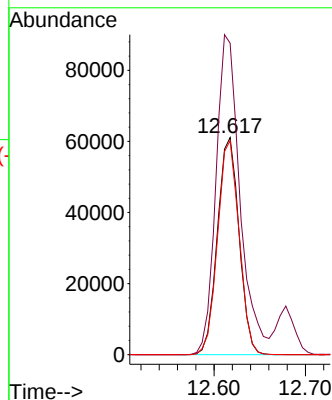
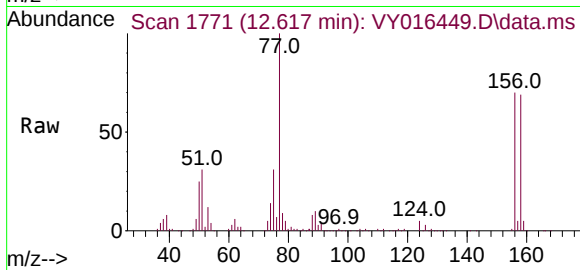
Tgt Ion:156 Resp: 100659

Ion Ratio Lower Upper

156 100

77 164.0 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 50.919 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016449.D

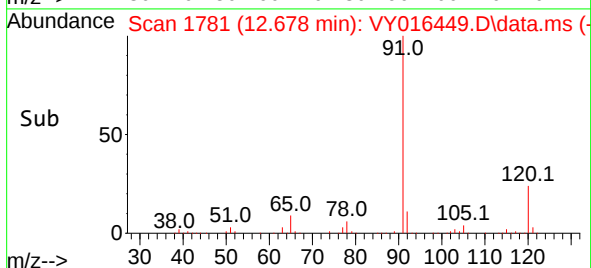
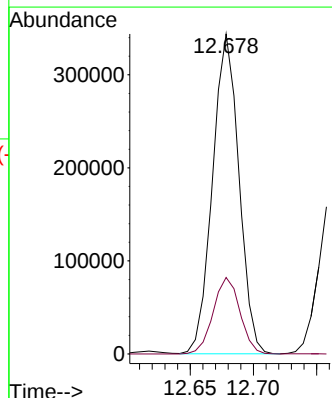
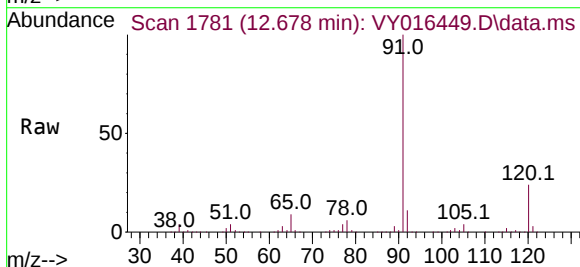
Acq: 22 Nov 2023 08:46

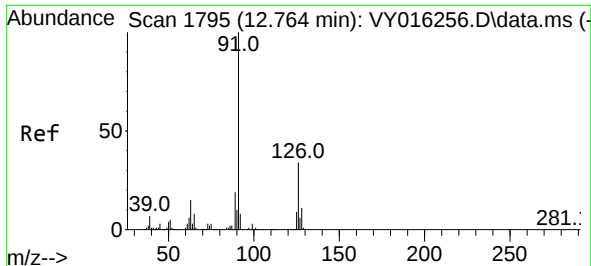
Tgt Ion: 91 Resp: 497628

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

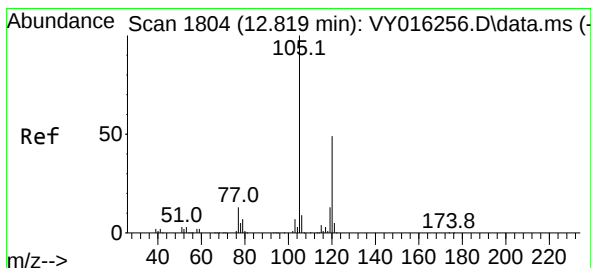
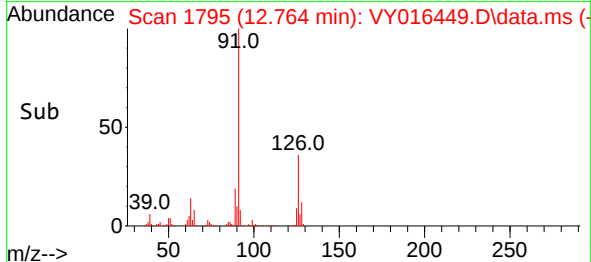
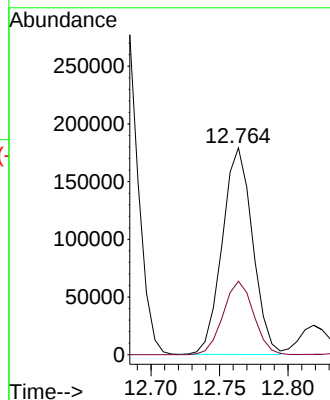
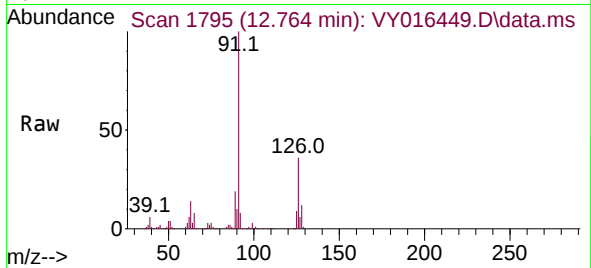




#79
2-Chlorotoluene
Concen: 51.271 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

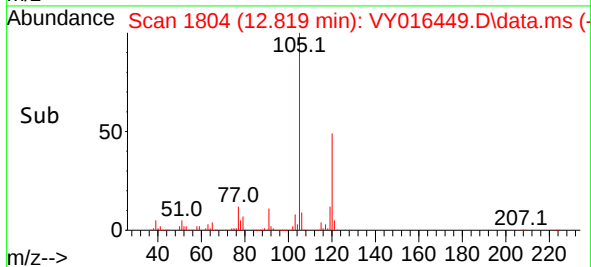
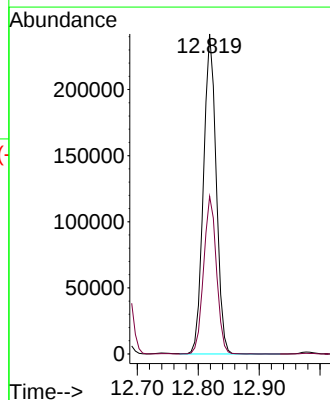
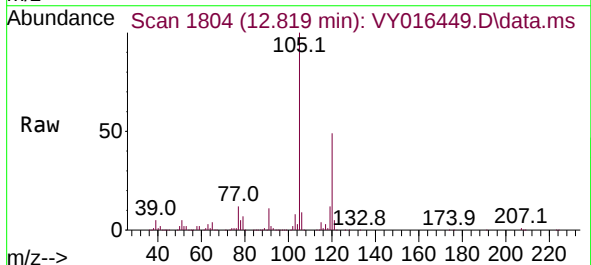
Instrument :
MSVOA_Y
ClientSampleId :

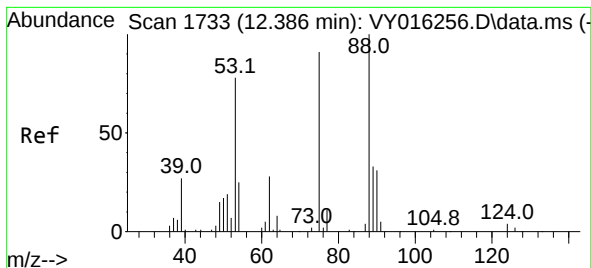
Tgt Ion: 91 Resp: 276139
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.816 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 105 Resp: 352146
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

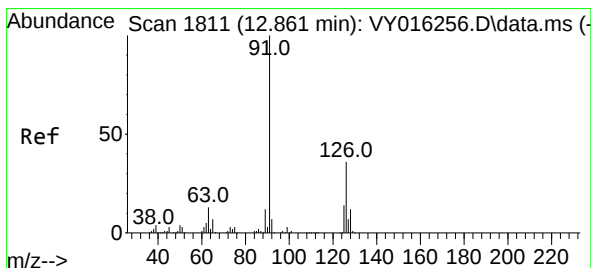
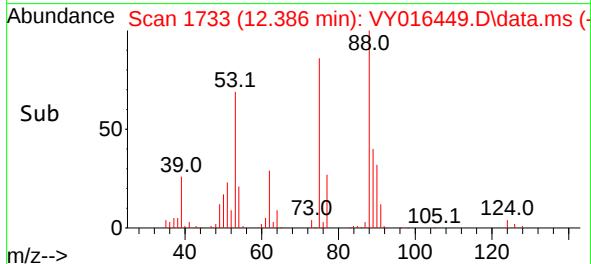
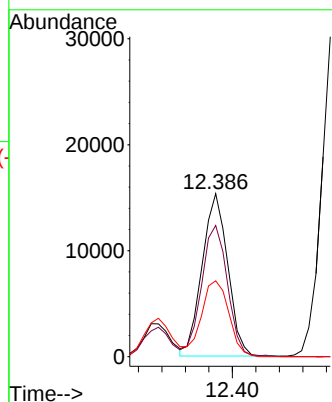
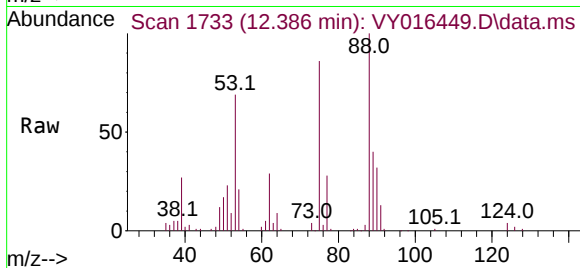




#81
trans-1,4-Dichloro-2-butene
Concen: 51.269 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

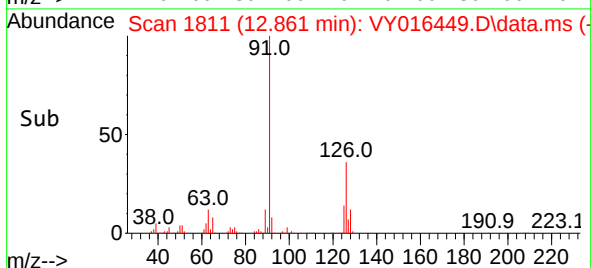
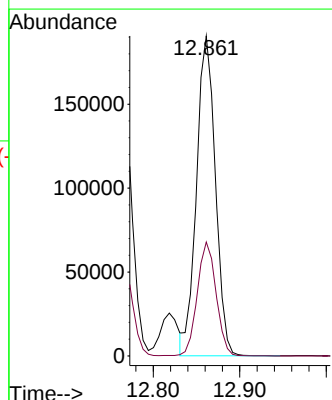
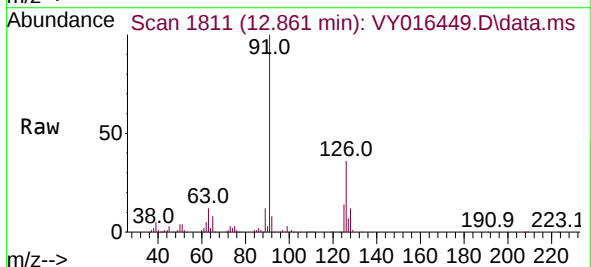
Instrument :
MSVOA_Y
ClientSampleId :

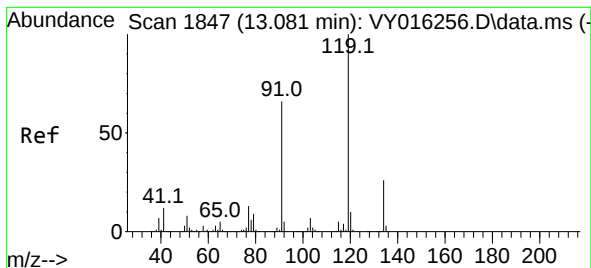
Tgt Ion: 75 Resp: 23139
Ion Ratio Lower Upper
75 100
53 82.3 77.8 116.8
89 49.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.783 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

Tgt Ion: 91 Resp: 288186
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.599 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

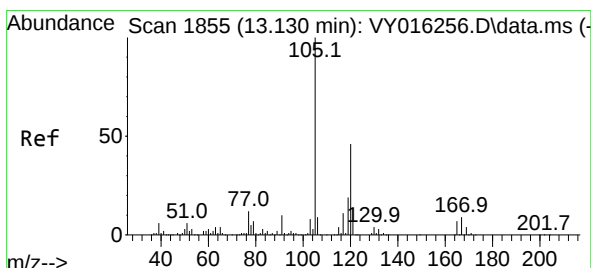
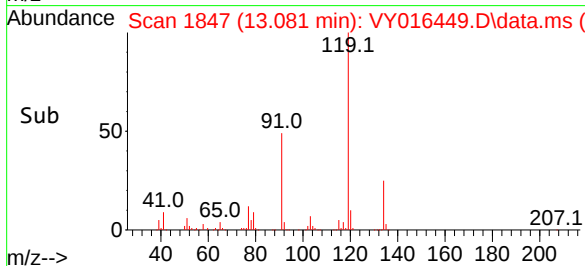
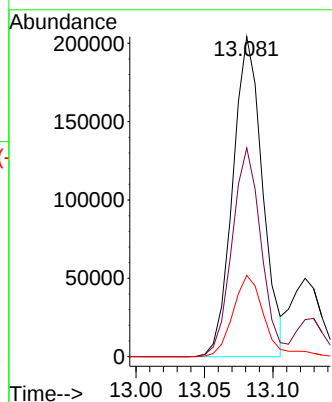
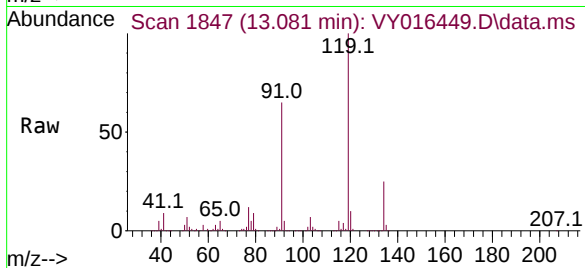
Tgt Ion:119 Resp: 308899

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.999 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016449.D

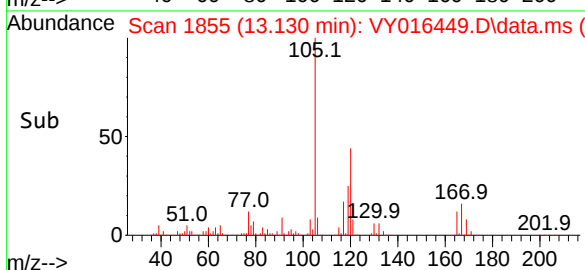
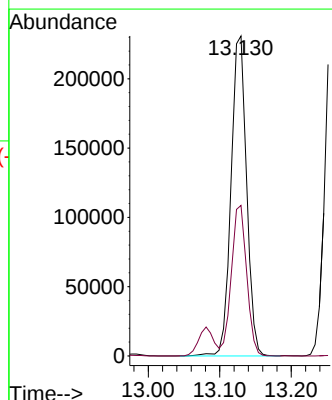
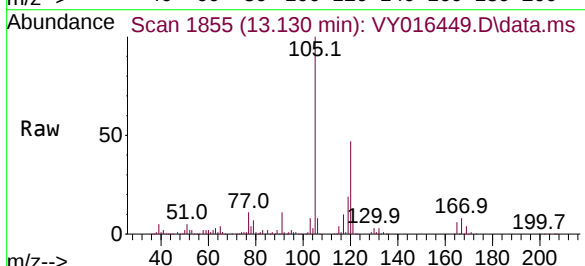
Acq: 22 Nov 2023 08:46

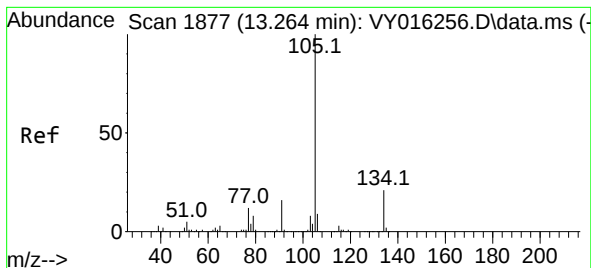
Tgt Ion:105 Resp: 347939

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.930 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

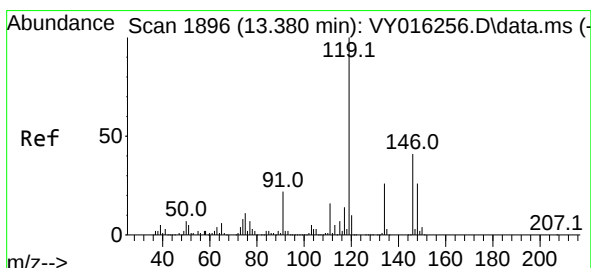
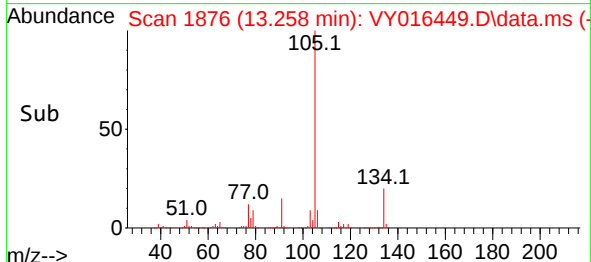
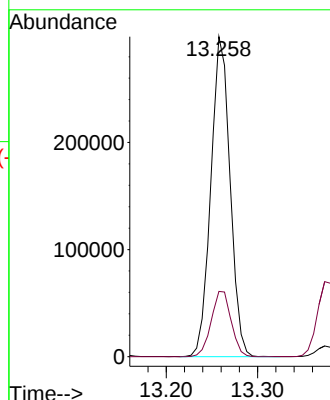
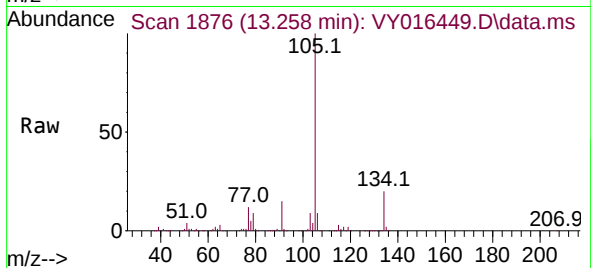
ClientSampleId :

Tgt Ion:105 Resp: 435693

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.707 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

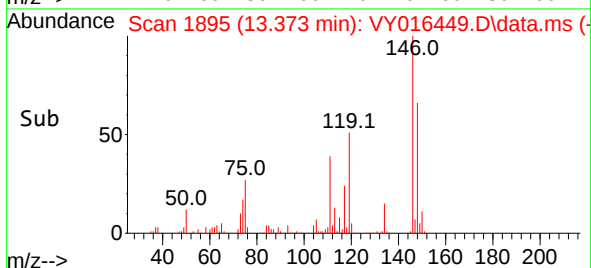
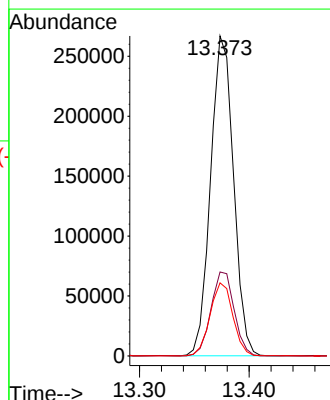
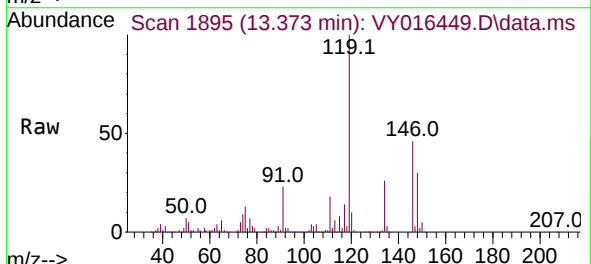
Tgt Ion:119 Resp: 387999

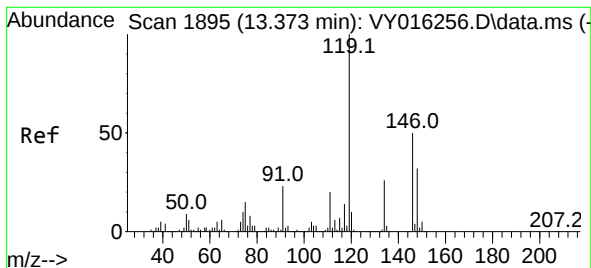
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.456 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

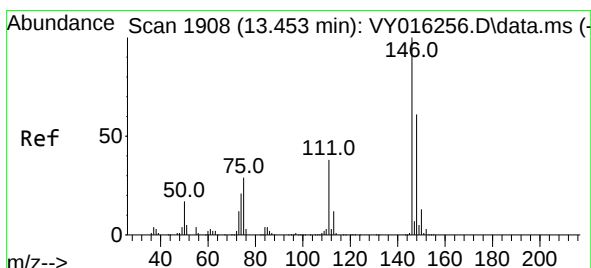
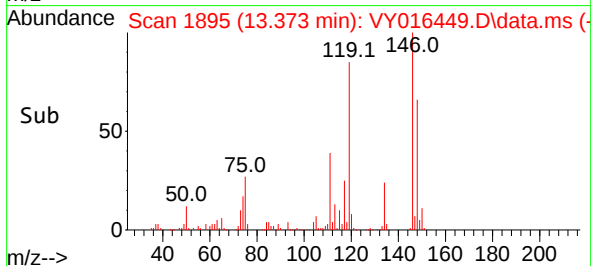
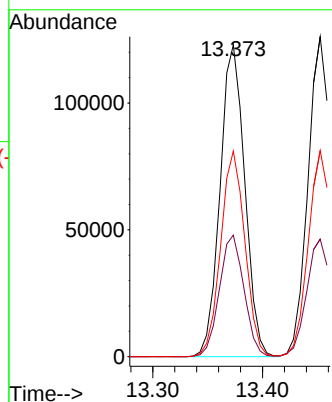
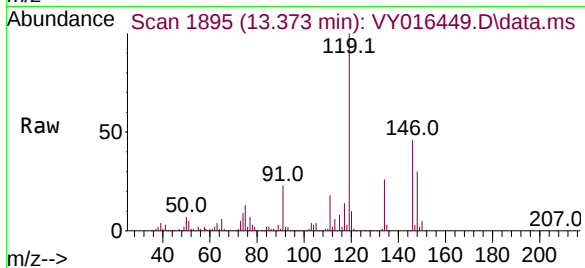
Tgt Ion:146 Resp: 192217

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 64.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.738 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

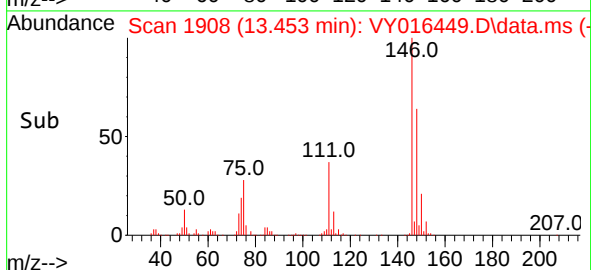
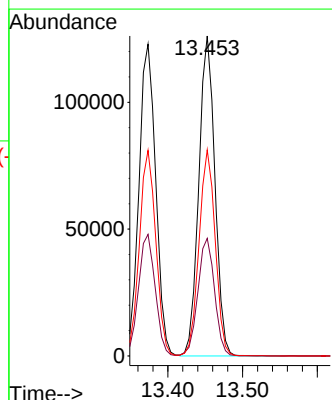
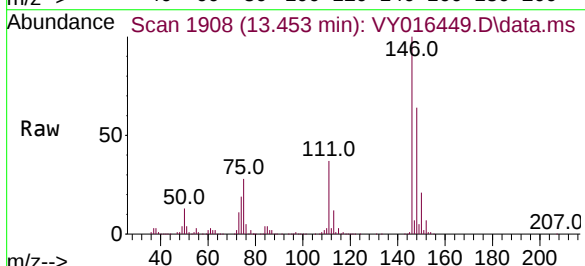
Tgt Ion:146 Resp: 188844

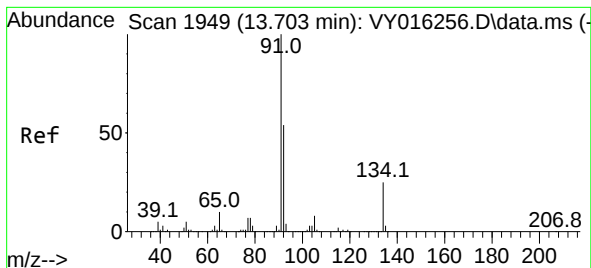
Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 52.166 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

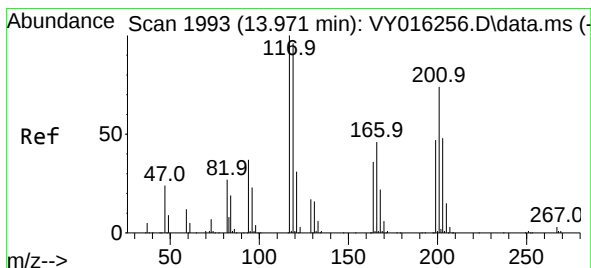
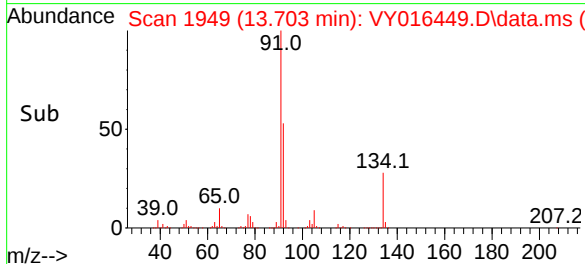
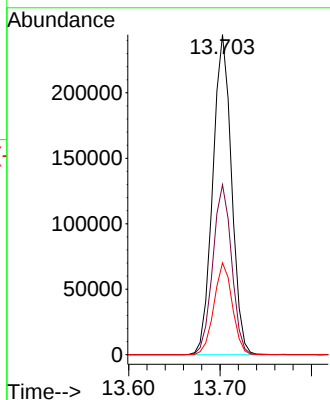
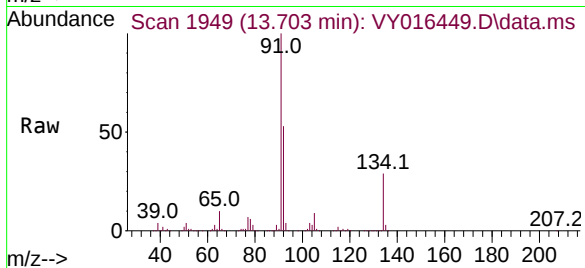
Tgt Ion: 91 Resp: 348036

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 28.1 12.6 37.6



#90

Hexachloroethane

Concen: 53.159 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016449.D

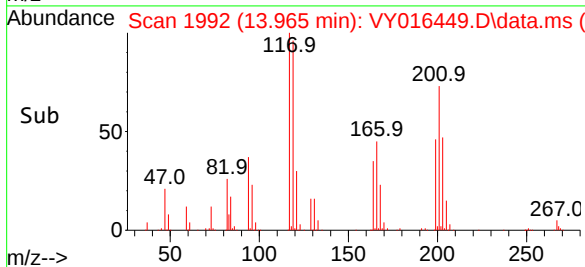
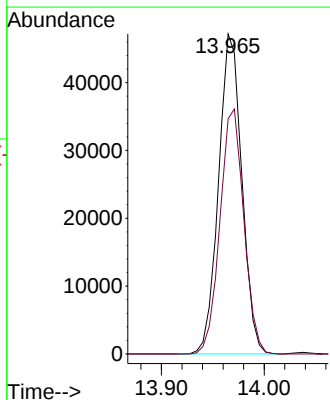
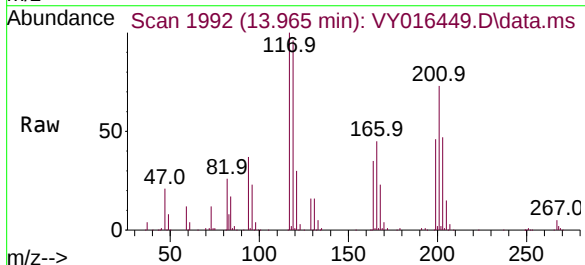
Acq: 22 Nov 2023 08:46

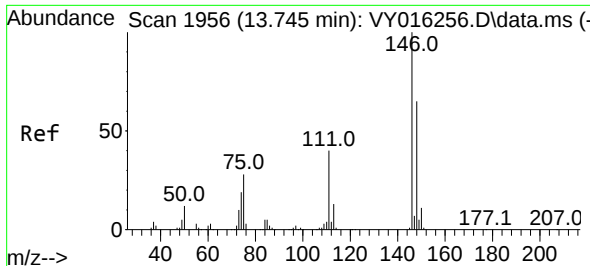
Tgt Ion: 117 Resp: 74082

Ion Ratio Lower Upper

117 100

201 78.5 41.6 124.8

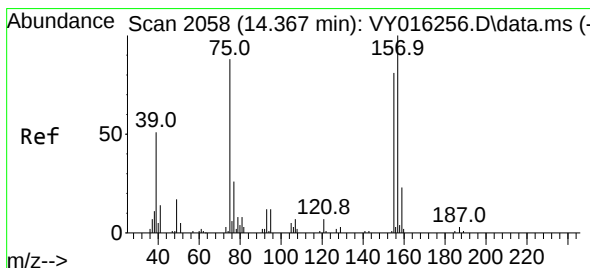
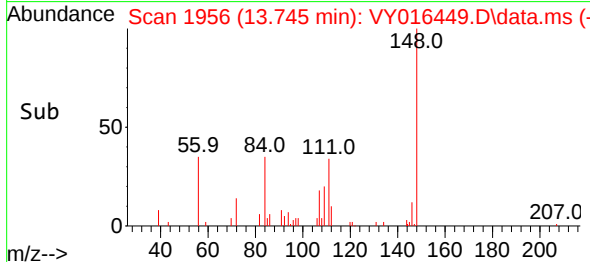
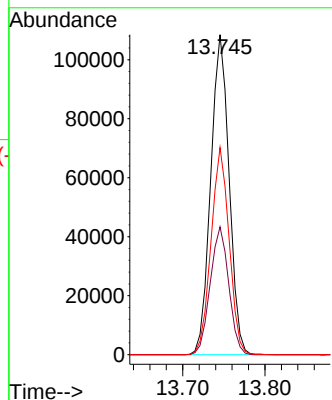
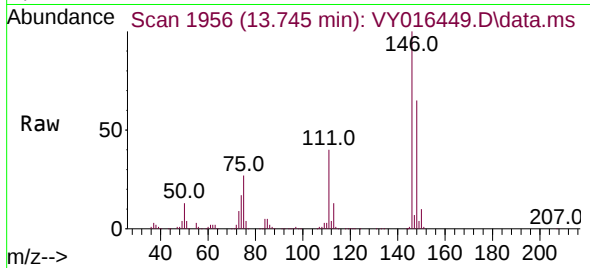




#91
1,2-Dichlorobenzene
Concen: 54.552 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

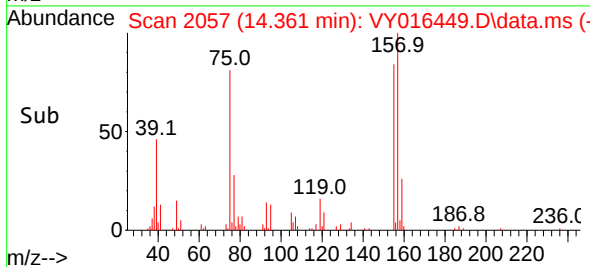
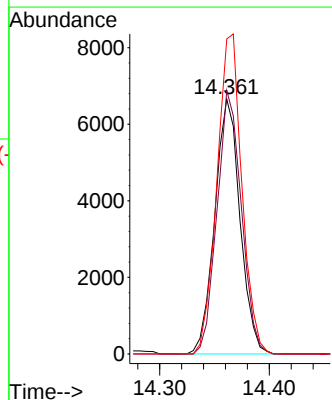
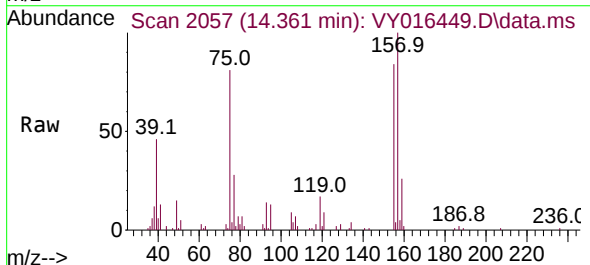
Instrument :
MSVOA_Y
ClientSampleId :

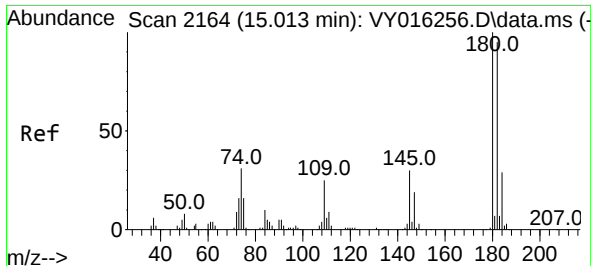
Tgt Ion:146 Resp: 168087
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.416 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016449.D
Acq: 22 Nov 2023 08:46

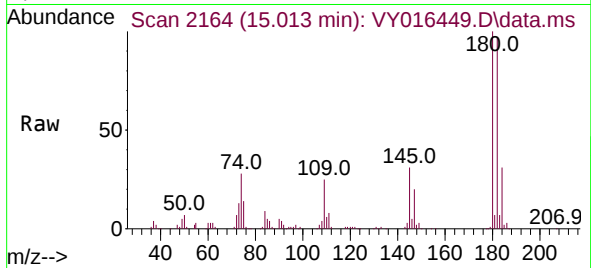
Tgt Ion: 75 Resp: 10644
Ion Ratio Lower Upper
75 100
155 99.6 41.5 124.6
157 123.9 51.8 155.5



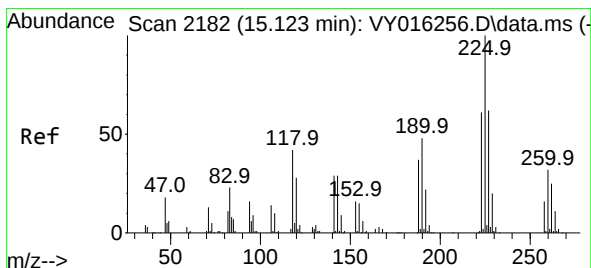
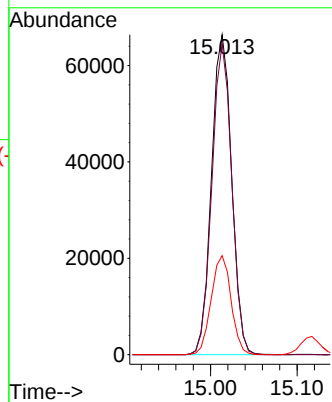
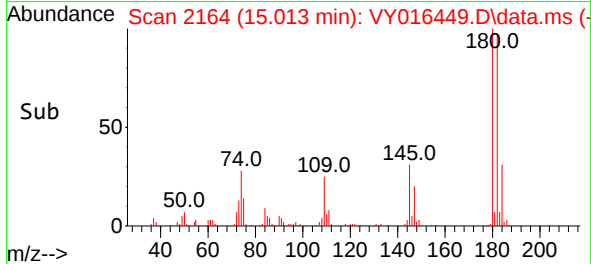


#93
 1,2,4-Trichlorobenzene
 Concen: 59.482 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY016449.D
 Acq: 22 Nov 2023 08:46

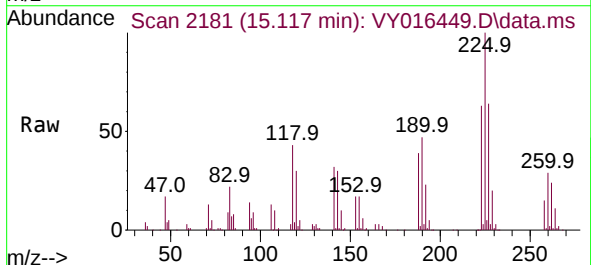
Instrument :
 MSVOA_Y
 ClientSampleId :



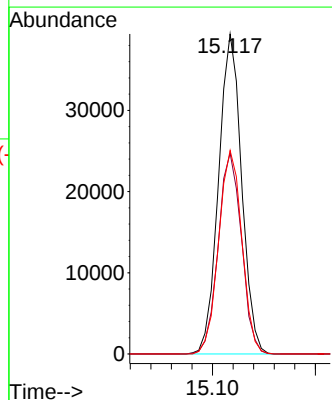
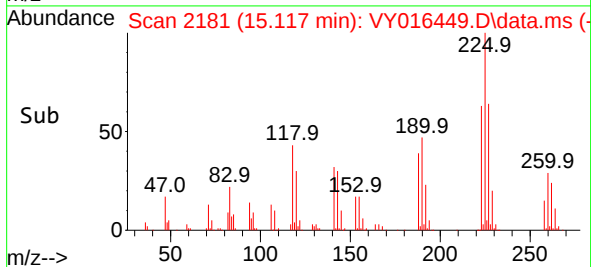
Tgt Ion:180 Resp: 106980
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.0 141.2
 145 30.6 14.5 43.5

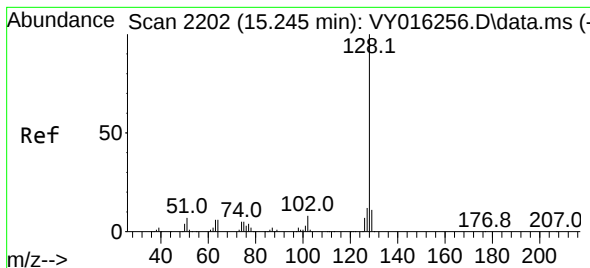


#94
 Hexachlorobutadiene
 Concen: 59.393 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: VY016449.D
 Acq: 22 Nov 2023 08:46



Tgt Ion:225 Resp: 61198
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.9
 227 64.2 33.0 98.9





#95

Naphthalene

Concen: 61.234 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Instrument :

MSVOA_Y

ClientSampleId :

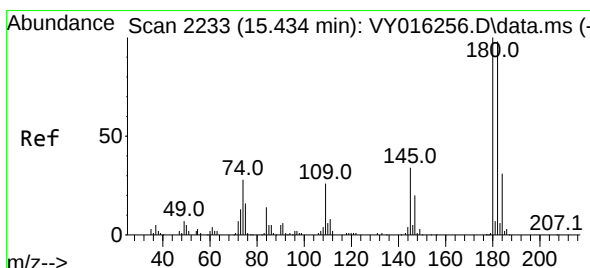
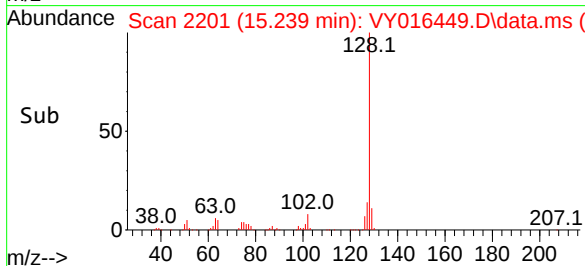
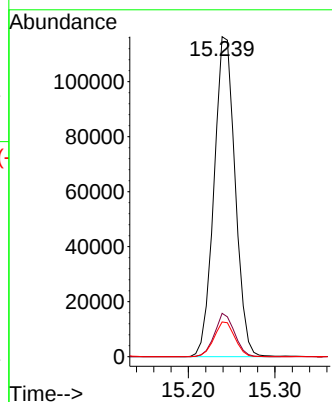
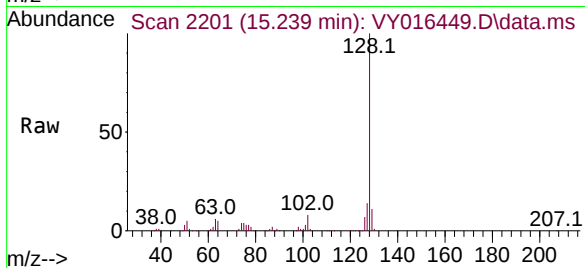
Tgt Ion:128 Resp: 196971

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 61.238 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016449.D

Acq: 22 Nov 2023 08:46

Tgt Ion:180 Resp: 91098

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.4 15.4 46.2

